ILLUSTRATED PARTS LIST

ifr INC

S-1403

TEST AUXILIARY

ILLUSTRATED PARTS LIST

S-1403

TEST AUXILIARY

10200 West York Street/Wichita,Ks. 67215 U.S.A./(316) 522-4981/TWX 910-741-6952

1002-6801-200

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Wichita, Ks

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WARNING:

HIGH VOLTAGE EQUIPMENT

THIS EQUIPMENT CONTAINS CERTAIN CIRCUITS AND/OR COMPONENTS OF EXTREMELY HIGH VOLTAGE POTENTIALS, CAPABLE OF CAUSING SERIOUS BODILY INJURY OR DEATH. WHEN PERFORMING ANY OF THE PROCEDURES CONTAINED IN THIS MANUAL, HEED ALL APPLICABLE SAFETY PRECAUTIONS.

RESCUE OF SHOCK VICTIMS

1. DO NOT ATTEMPT TO PULL OR GRAB THE VICTIM.
2. IF POSSIBLE, TURN OFF THE ELECTRICAL POWER.
3. IF YOU CANNOT TURN OFF ELECTRICAL POWER, PUSH, PULL OR LIFT THE VICTIM TO SAFETY USING A WOODEN POLE, A ROPE OR SOME OTHER DRY INSULATING MATERIAL.

FIRST AID

1. AS SOON AS VICTIM IS FREE OF CONTACT WITH SOURCE OF ELECTRICAL SHOCK, MOVE VICTIM A SHORT DISTANCE AWAY FROM SHOCK HAZARD.
2. SEND FOR DOCTOR AND/OR AMBULANCE.
3. KEEP VICTIM WARM, QUIET AND FLAT ON HIS/HER BACK.
4. IF BREATHING HAS STOPPED , ADMINISTER ARTIFICIAL RESUSCITATION. STOP ALL SERIOUS BLEEDING.

CAUTION

INTEGRATED CIRCUITS AND SOLID STATE DEVICES SUCH AS MOS FET'S, ESPECIALLY CMOS TYPES, ARE SUSCEPTIBLE TO DAMAGE BY ELECTROSTATIC DISCHARGES RECEIVED FROM IMPROPER HANDLING, THE USE OF UNGROUNDED TOOLS, AND IMPROPER STORAGE AND PACKAGING. ANY MAINTENANCE TO THIS UNIT MUST BE PERFORMED WITH THE FOLLOWING PRECAUTIONS:

1. BEFORE USING IN A CIRCUIT, KEEP ALL LEADS SHORTED TOGETHER EITHER BY THE USE OF VENDOR-SUPPLIED SHORTING SPRINGS OR BY INSERTING LEADS INTO A CONDUCTIVE MATERIAL.

2. WHEN REMOVING DEVICES FROM THEIR CONTAINERS, GROUND THE HAND BEING USED WITH A CONDUCTIVE WRISTBAND.

3. TIPS OF SOLDERING IRONS AND/OR ANY TOOLS USED MUST BE GROUNDED.

4. DEVICES MUST NEVER BE INSERTED INTO NOR REMOVED FROM CIRCUITS WITH POWER ON.

5. PC BOARDS, WHEN TAKEN OUT OF THE SET, MUST BE LAID ON A GROUNDED CONDUCTIVE MAT OR STORED IN A CONDUCTIVE STORAGE BAG.

NOTE

Remove any built-in power source, such as a battery, before laying PC Boards on conductive mat or storing in conductive bag.

6. PC BOARDS, IF BEING SHIPPED TO THE FACTORY FOR REPAIR, MUST BE PACKAGED IN A CONDUCTIVE BAG AND PLACED IN A WELL-CUSHIONED SHIPPING BOX.

THE USE OF SIGNAL GENERATORS FOR MAINTENANCE AND OTHER ACTIVITIES CAN BE A SOURCE OF ELECTROMAGNETIC INTERFERENCE TO COMMUNICATION RECEIVERS, WHICH CAN CAUSE DISRUPTION AND INTERFERENCE TO COMMUNICATION SERVICE OUT TO A DISTANCE OF SEVERAL MILES.

USERS OF THIS EQUIPMENT SHOULD SCRUTINIZE ANY OPERATION WHICH RESULTS IN RADIATION OF A SIGNAL (DIRECTLY OR INDIRECTLY) AND SHOULD TAKE NECESSARY PRECAUTIONS TO AVOID POTENTIAL COMMUNICATION INTERFERENCE PROBLEMS.

RECORD OF REVISIONS

REV NO	ISSUE DATE	DATE INSR	BY	REV NO	ISSUE DATE	DATE INSR	BY

LIST OF EFFECTIVE PAGES

The manual pages listed below which are affected by a current change or revision, are so identified by a revision number and an asterisk.

Date of issue for original and changed pages are:

Original ..... 0 ..... January 1, 1990

TOTAL NUMBER OF PAGES IN THIS MANUAL IS 84 CONSISTING OF FOLLOWING:

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Caution Page 0
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Blank 0
List of Effective Pages.... 0
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4-1 INTRODUCTION

GENERAL

The purpose of this Illustrated Parts Catalog is for identification, requisition and issuance of replacement parts for the S-1403 Test Auxiliary. Parts listed in this catalog meet critical equipment design specification requirements. For parts replacement, use only parts specified by this catalog.

Applicable beginning serial number is as follows:

MODEL	SERIAL NO.
S-1403	SN 3132 & ON

This catalog provides a breakdown of each assembly to the component level, while using a basic indenture system to identify both subassembly and next higher assembly components, as well as attaching hardware. A sample parts list page below illustrates this system.

ILLUSTRATED PARTS LIST S-1403

FIG-ITEM NO	AIRLINE PART NO	PART NO	1 2 3 4 5 6 7 DESCRIPTION	EFF	QTY
9 - 1		7010-6730-800	LINE SUPPLY PC BOARD ASSEMBLY SEE FIG 3 FOR NHA		REF
2		6700134	TRANSFORMER; (V33497), 5604-0000-013, T19001		1
			ATTACHING PARTS		
3		MS51957-41	SCREW 8-32 X 1/4 PPHM; (V96906), 2805-0250-006		2
4		MS35333-72	WASHER, LOCK INT TOOTH 8; (V96906), 2840-0000-002		2
			---*---		
5		MS51957-52	SCREW 8-32 X 1 3/4 PPHM; (V96906), 2805-1750-006		4
6		2800-7636-501	NUT, SPECIAL 8-32		2
7		MS35333-72	WASHER, LOCK INT TOOTH 8; (V96906), 2840-0000-002		4
8		MS35649-284	NUT 8-32; (V96906), 2850-0000-005		2
9		1400-5155-502	BRACKET, MTG		2
10		1400-5155-501	BRACKET, MTG		2
11		22-11-2101	CONNECTOR, WAFER; (V27264), 2115-0000-057, J19001		1
12		SMR05VB	CONNECTOR, LOCKING; (V8Z573), 2115-9001-005, P10019		1
- 13		SYM001T06	CONTACT, CONN 22 - 26 GA; (V8Z573), 2114-9001-001		4
14		PK10	RECTIFIER, BRIDGE 100 V, 10 A; (V83701), 4823-0000-001, BR19001		1
15		TLB1V332MDA	CAPACITOR 3300 µF, 35 V; (V55680), 1580-3322-210, C19001, C19002		2
- 16		3107-5156-605	INSULATOR		1
17		JAN1N4004	DIODE, RECT; (V81349), 4815-0000-002, CR19001		1
18		JAN1N4752A	TRANSISTOR; (V81349), 4901-4752-100, CR19003		1
19		JAN2N6488	TRANSISTOR; (V81349), 4811-0000-005, Q19001		1
20		JAN2N6397	TRANSISTOR; (V81349), 4822-0000-002, Q19002		1
			ATTACHING PARTS		
21		MS51957-13	SCREW 4-40 X 1/4 PPHM; (V96906), 2803-0250-006		1
22		MS35649-244	NUT 4-40; (V96906), 2850-0000-008		1
23		MS35333-70	WASHER, LOCK INT TOOTH 4; (V96906), 2840-0000-003		1
			---*---		
24		43J25R	RESISTOR 5%, 1/4 W, 250 Ω; (V44655), 4707-0250-002, R19001		1
25		RLR07C102JR	RESISTOR 5%, 1/4 W, 1 K; (V81349), 4702-0102-003, R19002		1
26		RLR42C129JR	RESISTOR 5%, 2 W, 1.2 Ω; (V81349), 4705-0129-002, R19003, R19004		2

HOW TO USE

This catalog is compiled of three indices to aid the user in locating parts.

Alphabetical Index

To locate a part number if the assembly in which the part is used is known, refer to the Alphabetical Index to identify the number of the figure that will show the breakdown of the assembly. Locate the part and its item number on the illustration and find the applicable item number on the parts list to determine its part number and description.

Numerical Index

To locate the illustration for a part if the part number is known, refer to the Numerical Index (in the back of Catalog) and find the part number. Turn to the Detailed Parts List and find the first figure and item number indicated in the Numerical Index for that part. If this figure shows the part in a section or system of the equipment other than the one desired, refer to the other figure numbers listed in the Numerical Index.

Equipment Designator Index

To locate the illustration for a part if the equipment is known, refer to the Equipment Designator index (in the back of Catalog) and find the equipment designator; turn to the Detailed Parts List and find the figure and item number indicated in the index.

Assembly Vs. Subassembly

The first line of text under indenture 1 of the page heading is the assembly being broken down in the designated figure. Any item listed under indenture 2 is a subassembly component of the preceding item listed under indenture 1. Any item listed under indenture 3 is a subassembly or component of the preceding subassembly listed under indenture 2, and so on.

Attaching Hardware

All attaching hardware for a particular part is listed under the "ATTACHING PARTS" designation, which in turn appears directly below the parent part. The last item making up the attaching parts group precedes the symbol "---*---".

NOTE

The quantity listed for the attaching parts is the quantity required to attach only one of the parent parts.

When a parent part is supplied with any or all of its mounting hardware, the designation "INCL MTG HARDWARE" will be listed adjacent to the parent part. Any additional attaching hardware required beyond the supplied mounting hardware, will be listed separately below the parent part.

PROCEDURE FOR ORDERING PARTS

When ordering parts, the model and serial number of your set must accompany parts order. The parts order itself must contain the IFR Systems part number (DO NOT use the original manufacturer's part number) and description of the part(s) being ordered. DO NOT order parts by item numbers; these numbers are provided as a convenience to user for correlating parts between the illustration page and the parts list.

Direct all parts orders to:
Customer Service
IFR Systems, Inc.
10200 West York Street
Wichita, KS 67215 U.S.A.
TEL (316) 522-4981/TWX 910-741-6952

Effectivities as indicated in Detail Parts List are as follows:

LIST OF ABBREVIATIONS

The following is a list of abbreviations and symbols commonly used throughout this parts catalog:

A	- Ampere
A/D	- Analog to Digital
A/D-D/A	- Analog to Digital/Digital to Analog
A/H	- Ampere Hour
A/R	- As Required
ACTR	- Actuator
ADH	- Adhesive
ADJ	- Adjust
ADPTR	- Adapter
AMP	- Amplifier
AN	- Alphanumeric
ANL	- Analog
ASSY	- Assembly
ASYN	- Asynchronous
ATTEN	- Attenuator
AUX	- Auxiliary
BCD	- Binary Coded Decimal
BD	- Board
BFR	- Buffer
BIN	- Binary
BMG	- Type B, Medium Grade
BOT	- Bottom
BSTB	- Bistable
C	- Center
CHA	- Channel
CHAR	- Character
CIRC	- Circular
CKT	- Circuit
CLR	- Clear
CMPTR	- Comparator
CNTR	- Counter
COMM	- Communication
CONDCT	- Conductor
CONN	- Connector
CONT	- Control
CONV	- Converter
CP	- Coupler
CPRSN	- Compression
CPU	- Central Processing Unit
CRT	- Cathode Ray Tube
CRYG	- Carrying
D/A	- Digital to Analog
dB	- Decibel
DCDR	- Decoder
DEC	- Decade
DEFL	- Deflection
DEMOD	- Demodulated
DET	- Detector
DIFF	- Differential
DIV	- Divider
DMPLXR	- Demultiplexer
DPDT	- Double Pole Double Throw
DPST	- Double Pole Single Throw
DRVR	- Driver
DSPL	- Display
DVM	- Digital Voltmeter
ELAS	- Elastic
ENCL	- Enclosure
FIFO	- First In First Out
FIG	- Figure
FLEX	- Flexible
FLTPK	- Flat Pack
FLTR	- Filter
FLUOR	- Fluorescent
FR	- Front
FREQ	- Frequency
FSO	- For Spares Order
FXD	- Fixed
GA	- Gauge
GEN	- Generator
GND	- Ground
GPIB	- General Purpose Interface Bus
HS	- Heat Shrink
Hz	- Hertz
I/O	- Input/Output
IC	- Integrated Circuit
IF	- Intermediate Frequency
INCL	- Includes
INP	- Input
INT	- Internal
INTFC	- Interface
INV	- Inverter
K	- Kilohm
kHz	- Kilohertz
KV	- Kilovolt
KW	- Kilowatt
LCA	- Logic Cell Array
LCH	- Latch
LG, L	- Long
LOG	- Logarithmic
LPF	- Low Pass Filter
LWR	- Lower
M	- Megohms
M/S	- Master/Slave
MAGTD	- Magnitude
MHz	- Megahertz
ML	- Monolithic
MOD	- Modulus
MON	- Monitor
MNSTB	- Monostable
MPLXR	- Multiplexer
MTG	- Mounting
MULTI	- Multiplier
NAT	- Natural
NHA	- Next Higher Assembly
NO	- Number
NP	- Non-procurable
NYL	- Nylon
OD	- Outside Diameter
OFS	- Offset

LIST OF ABBREVIATIONS

OSC - Oscillator
PAL - Programmable Array Logic
PC BD - Printed Circuit Board
pF - Picofarad
PFHM - Phillips Flat Head Machine (Screw)
PHEN - Phenolic
PNL - Panel
POS - Position
PPHM - Phillips Pan Head Machine (Screw)
PRF - Pulse Repetition Frequency
PRGM - Program
PRL - Parallel
PTHM - Phillips Thin Head Machine (Screw)
PWR - Power
QDRTR - Quadrature
QTY - Quantity
R/A - Right Angle
RCV - Receive
RCVR - Receiver
RCVY - Recovery
RECT - Rectifier
REF - Reference
REF DES - Reference Designator
REG - Regulator
RF - Radio Frequency
RTNR - Retainer
S - Strand
S BAR - Schottky Barrier
S/A - Spectrum Analyzer
SER - Serial
SFHM - Socket Flat Head Machine (Screw)
SHC - Socket Head Cap (Screw)
SHS - Socket Head Set (Screw)
SI - Silicon
SIG - Signal
SN - Serial Number
SP - Speaker
SPDT - Single Pole Double Throw
SPST - Single Pole Single Throw
SQ - Square
SR - Shift Register
SSB - Single Side Band
STD - Standard
STR - Straight
SUPPR - Suppressor
SW - Switch
SWD - Switched
SYNC - Synchronized
SYN - Synchronous
TERMN - Termination
TFL, TFE - Teflon
THK, TH - Thick
TRIG - Trigger
TW - Thumbwheel
U/D - Up/Down
UNDCHD - Undercut Head (Screw)
UNIV - Universal
UNK - Unknown
UPR - Upper
V - Volt
VAC - Volts Alternating Current
VAC - Vacuum
VAR - Variable
VCO - Voltage Controlled Oscillator
VDC - Volts Direct Current
VID - Video
VOLT REG - Voltage Regulator
XCVR - Transceiver
XFMR - Transformer
XMTR - Transmitter
XSTR - Transistor
XTAL - Crystal
Ω - OHMS
µF - Microfarad
µH - Microhenry

WIRE COLOR ABBREVIATIONS

BLK - Black
BRN - Brown
RED - Red
ORN - Orange
YEL - Yellow
GRN - Green
BLU - Blue
VIO - Violet
GRA - Gray
WHT - White

MANUFACTURER IDENTIFICATION

UNK008 Royal Vista Plastics, Inc.
12528 E. 60th St., S.
P.O. Box 45651
Tulsa, OK 74145

UNK010 Stancor Products
131 Godfrey St.
Logansport, IN 46947

UNK011 Toko America, Inc.
5520 W. Touhy Ave.
Skokie, IL 60077

UNK012 VRN International
P.O. Box 44000
St. Petersburg, FL 33743

UNK014 Rodestein
c/o Deltron
416 N.E. 68th
Gladstone, MO 64118

UNK017 AJB
Japan Branch
Sugaya Bldg., 2nd Floor
703 Yon Bancho
Chiyoda-Ku, Tokyo 102, Japan

UNK018 Hunte Wilde
2835 Overpass Rd.
Tampa, FL 33619

UNK022 S. P. America
1181 N. 4th St.
San Jose, CA 95112

UNK026 Midwest Aircraft Supply
2234 S. Mead
Wichita, KS 67211

UNK028 Aptronics
P.O. Box 540
Mentor, OH 44061

UNK030 Mitsubishi Electronic Corp.
2-12 Marunouchi Chiyoda-Ku
Tokyo, Japan

UNK031 RGA Research & Development Co.
P.O. Box 53
Syracuse, NY 13215

UNK039 Shin-Etsu
1-Chome, 4-2 Marunouchi Chiyua-ku
Tokyo, Japan

UNK042 Taiyo Yuden USA Inc.
714 W. Algonquin Rd.
Arlington Heights, IL 60005

UNK044 Kamaya Inc.
4000 Transportation Dr.
Fort Wayne, IN 46818

UNK045 Air Pax
P.O. Box 500
Huskey Park
Frederick, MO 21701

UNK048 Rubicon Co.
4293 Lee Ave.
Gurnee, IL, 60031

UNK049 Computron
835 Bonnie Lane
Elk Grove Village, CA 60007

UNK051 ITW Fastex
195 Algonquin Rd.
Des Plaines, IL 60016-6197

UNK052 Protective Covers Co., Inc
Caplugs Division
Dept. TR
2150 Elmwood Ave.
Buffalo, NY 14207

UNK053 Micro Switch Systems
A Honeywell Division
Dept. 740
Freeport, IL 61032

0A0K0 Professional Metals, Inc.
1444 Vernon St. North
Kansas City, MO 64116

0BD81 U.S. Toyo Fan Corp.
4915 Walnut Grove Ave.
San Gabriel, CA 91776

0B001 Electroswitch Corp.
180 King Ave.
Weymouth, MA 02188

0GRF3 Shape Magnetronics Inc.
901 Dupage Ave.
Lombard IL, 60148

00136 McCoy Electronics Co.
100 Watts St.
P.O. Box 8
Mt. Holly Springs, PA 17065-1821

00443 Waveline, Inc.
160 Passaic Ave.
P.O. Box 718
West Caldwell, NJ 07006-3503

MANUFACTURER IDENTIFICATION

00629 EBY Sales Co., Inc. of New York
148-05 Archer Ave.
Jamaica, NY 11435-4316

00779 Amp, Inc.
2800 Fulling Mill
P.O. Box 3608
Harrisburg, PA 17105

00795 Delta Electronic Mfg.
416 Cabot St.
P.O. Box 53
Beverly, MA 01915-3152

01113 General Instrument Corp.
Business Systems Div.
2200 Byberry Rd.
P.O. Box 487
Hatboro, PA 19040-3712

01121 Allen-Bradley Co.
500 Elm Grove Rd.
Milwaukee, WI 53122

01295 Texas Instruments, Inc.
Semiconductor Group M/S3684
13500 N. Central Expressway
P.O. Box 655303
Dallas, TX 75265-5303

02111 Hamilton Standard Controls, Inc.
Spectrol Div.
17070 E. Gale Ave.
P.O. Box 1220
City of Industry, CA 91749

02113 Coilcraft, Inc.
1102 Silver Lake Rd.
Cary, IL 60013-1658

02114 Amperex Electronic Corp.
Ferroxcube Div.
5083 Kings Hwy.
Saugerties, NY 12477

02289 Hi-G Co.
Sub. of Nytronics, Inc.
101 Locust St.
Hartford, CT 06114-1504

02735 RCA Corp.
Solid State Div.
Route 202
Somerville, NJ 08876

03508 General Electric Co.
Semiconductor Products Lept.
W. Genesse St.
Auburn, NY 10321

03911 Clairex Electronics
Div. of Clairex Corp.
560 S. Third Ave.
Mt. Vernon, NY 10550

04386 Litton Industries, Inc.
Litton Systems, Inc.
Triad-Utrad Div.
305 N. Briant St.
Huntington, IN 46750-2950

04423 Telonic Berkeley, Inc.
2825 Laguna Canyon Rd.
P.O. Box 277
Laguna Beach, CA 92652

04597 Projects Unlimited, Inc.
3680 Wyse Rd.
P.O. Box 14538
Dayton, OH 45414-2539

04713 Motorola, Inc.
Semiconductor Products Sector
5005 E. McDowell Rd.
Phoenix, AZ 85008-4229

04850 Permag Corp.
400 Karin Ln.
Hicksville, NY 11801-5328

05209 Ted Mfg. Corp.
11415 Johnson Dr.
Shawnee Mission, KS 66203-2641

05245 Corcom, Inc.
1600 Winchester Rd.
Libertyville, IL 60048-1267

05254 Coast Magnetics
Coast Coil Div.
5333 W. Washington Blvd.
Los Angeles, CA 90016-1128

05347 Ultronix Inc.
461 N. 22nd St.
P.O. Box 1090
Grand Junction, CO 81502

05375 Vari-L Co., Inc.
11101 E. 51st Ave.
Denver, CO 80239-2601

05791 Lyn-Tron, Inc.
3150 Damon Way
Burbank, CA 91505-1015

05972 Loctite Corp.
705 N. Mountain Rd
Newington, CT 06111-1411

MANUFACTURER IDENTIFICATION

06090	Raychem Corp. 300 Constitution Dr. Menlo Park, CA 94025-1111
06141	Fairchild Camera and Instrument Corp. Fairchild Industrial Products Div. Sub. of Schlumberger Ltd. 75 Mall Dr. Commack, NY 11725
06383	Panduit Corp. 17301 Ridgeland Tinley Park, IL 60477-3048
06518	Regency Electronics 7707 Records St. Indianapolis, IN 46226-3960
06776	Robinson Nugent, Inc. 800 E. 8th St. P.O. Box 1208 New Albany, IN 47150-3264
06915	Richco Plastic Co. 5825 N. Tripp Ave. Chicago, IL 60646-6013
07109	Oaktron Industries, Inc. 704 30th St. Monroe, WI 53566-3522
07240	Zippertubing Co. 13000 S. Broadway Los Angeles, CA 90061-1120
07294	Genisco Technology Corp. Electronics Division 14930 E. Alondra Blvd. La Mirada, CA 90638-5754
07386	Russell Plastics Technology Co., Inc. 521 W. Hoffman Ave. Lindenhurst, NY 11757-4030
07547	Brand-Rex Co. Route 32, P.O. Box 498 Willimantic, CT 06226
08730	Vemaline Products Div. of Square Head, Inc. 333 Strawberry Field Rd. P.O. Box 6979 Warwick, RI 02887-6979
09353	C and K Components, Inc. 15 Riverdale Ave. Newton, MA 02158-1057
09922	Burndy Corp. 1 Richards Ave. Norwalk, CT 06856
1AR73	Duracell Intl, Inc. Battery Technology Co. So. Broadway Tarrytown, NY 10591
1CG97	Crystaloid Electronics 5282 Hudson Dr. P.O. Box 628 Hudson, OH 44236-3738
1ES66	Maxim Integrated Products 510 N. Pastoria Ave. Sunnyvale, CA 94086-3520
1FJ15	Amatom Electronics Hardware Div of Emhart Ind. 446 Blake St. New Haven, CT 06515-1238
11052	Int'l. Resistive Co., Inc. P.O. Box 1860 Greenway Road Boone, NC 28607-1860
1GP79	Pilgrim Screw Corp. 120 Sprague St. P.O. Box 1452 Providence, RI 02901
12020	Ovenaire Div. of Electronic Technologies, Inc. 706 Forrest St. P.O. Box 1528 Charlottesville, VA 22901-4224
12515	Teledyne Thermatics A Teledyne Inc., Co. Hwy. 301 S. P.O. Box 909 Elm City, NC 27822
12598	RLC Electronics, Inc. 83 Radio Circle Mt. Kisco, NY 10549-2611
12697	Clarostat Mfg. Co.,Inc. Lower Washington St. Dover, NH 03820
12969	Unitrode Corp. 5 Forbes Rd. Lexington, MA 02173-7305

MANUFACTURER IDENTIFICATION

13103 Thermalloy Co., Inc.
2021 W. Valley View Ln.
P.O. Box 810839
Dallas, TX 75381

13440 American Packing & Gasket Co.
6039 Amour Dr.
P.O. Box 213
Houston, TX 77001

13499 Rockwell Intl. Corp.
Collins Gov't. Avionics Div.
400 Collins Rd., N.E.
Cedar Rapids, IA 52498

13556 TRW Cylindrical Connector
Div. of TRW, Inc.
8821 Science Center Drive
Minneapolis, MN 55428-3619

13664 Workman Electronic Products, Inc.
75 Packinghouse Rd.
P.O. Box 3828
Sarasota, FL 34230

13848 Johnson EF Co.
Comco/Communications Co. Div.
7840 N. W. 62nd St.
Miami, FL 33166

14208 Minneapolis Speaker Co.
3806 Grand Ave. S.
Minneapolis, MN 55409-1233

14482 Watkins-Johnson Co.
3333 Hillview Ave.
Palo Alto, CA 94304-1204

14655 Cornell-Dubilier Electronics
One Interchange Plaza
Wayne, NJ 07470

14840 Malco
A Microdot Co.
306 Pasadena Ave.
South Pasadena, CA 91030

14936 General Instrument Corp.
Discrete Semiconductor Div.
600 W. John St.
Hicksville, NY 11802

15238 ITT Semiconductors
A Division of International
Telephone and Telegraph Corp.
500 Broadway
P.O. Box 168
Lawrence, MA 01841-3002

15542 Mini-Circuits Laboratory
Div. of Scientific Components Corp.
2625 E. 14th St.
P.O. Box 166
Brooklyn, NY 11235

15801 Fenwal Electronics
Div. of Kidde, Inc.
450 Fortune Blvd.
Milford, MA 01757

15819 Sinclair & Rush, Inc.
6916 S. Broadway
St. Louis, MO 63111-3117

15912 Thomas & Betts Corp.
Electronics Group
4371 Valley Blvd.
Los Angeles, CA 90032-3632

16237 Connector Corp.
6025 N. Keystone Ave.
Chicago, IL 60646-5209

16245 Conap, Inc.
1405 Buffalo St.
Olean, NY 14760-1139

16299 AVX Corp.
Raleigh Plant
3900 Electronics Dr.
Raleigh, NC 27604-1620

16327 Dayton Electric Mfg. Co.
5959 W. Howard St.
Chicago, IL 60648-4014

16339 Photo Chemical Products
of California, Inc.
18031 Susana Rd.
Rancho Dominguez, CA 90221-5525

16733 Cablewave Systems, Inc.
60 Dodge Ave.
North Haven, CT 06473-1124

17856 Siliconix, Inc.
2201 Laurelwood Rd.
Santa Clara, CA 95054-1516

18310 Concord Electronics Corp.
30 Great Jones St.
New York, NY 10012-1115

18324 Signetics Corp.
Military Products Div.
4130 S. Market Ct.
Sacramento, CA 95834-1222

MANUFACTURER IDENTIFICATION

18677 Scanbe Mfg. Co.
Div. of Zero Corp.
3445 Fletcher Ave.
El Monte, CA 91731

19112 Garry Electronics
9 Queen Anne Ct.
Langhorne, PA 19047-1803

19396 Illinois Tool Works, Inc.
Paktron Division
1205 McConville Rd.
P.O. Box 4539
Lynchburg, VA 24502-4535

19505 Applied Engineering Products
1475 Whalley Ave.
P.O. Box A-D
New Haven, CT 06525

19647 Caddock Electronics, Inc.
1717 Chicago Ave.
Riverside, CA 92507-2302

19648 Eldre Components, Inc.
1500 Jefferson Rd.
Rochester, NY 14623-3110

2P953 Lemo USA, Inc.
335 Tesconi Cir.
P.O. Box 11006
Santa Rosa, CA 95406

20932 Kyocera International, Inc.
Sorrento Valley Plant No. 1
11620 Sorrento Alley
San Diego, CA 92138

21192 Excelsior Hardware Co.
39 Woodland Ave.
P.O. Box 1417
Stamford, CT 06904

21604 Buckeye Stamping Co.
555 Marion Rd.
Columbus, OH 43207-2550

21847 TRW Microwave, Inc.
Sub. of TRW, Inc.
825 Stewart Dr.
Sunnyvale, CA 94086-4514

21845 Solitron Devices, Inc.
Corp. HQ & Semiconductor
Mfg. Group
1177 Blue Heron Blvd.
Bldg. 1
Rivera Beach, FL 33404-4703

21912 Adams Russell Co., Inc.
Anzac Div.
80 Cambridge St.
Burlington, MA 01803-4107

22308 Connnector Technology Corp.
Airport Rd.
P.O. Box 671
Westerly, RI 02891-0671

22519 Data Delay Devices, Inc.
3 Mt. Prospect Ave.
Clifton, NJ 07013

23042 Texscan Instruments
Div. of Texscan Corp.
3169 N. Shadeland Ave.
Indianapolis, IN 46226-6233

23880 Stanford Applied Engineering, Inc.
340 Martin Ave.
Santa Clara, CA 95050-3112

23936 William J. Purdy Co.
Interfan Div.
770 Airport Blvd.
Burlingame, CA 94010-1927

24444 General Semiconductor Ind., Inc.
Sub. of Square D Co.
2001 W. 10th Pl.
Tempe, AZ 85281-5104

24539 Avantek, Inc.
3175 Bowers Ave.
Santa Clara, CA 95054-3292

25146 Wichita Wire Products Co., Inc.
630 Pennsylvania
P.O. Box 670
Wichita, KS 67201

25484 Aeroscientific Corp.
184 E. Liberty
Anaheim, CA 92801-1011

25706 Daburn Electronics and Cable Corp.
224 Pegasus Ave.
Northvale, NJ 07647

26806 American Zettler, Inc.
16881 Hale Ave.
Irvine, CA 92714-5020

27014 National Semiconductor Corp.
2900 Semiconductor Dr.
Santa Clara, CA 95051-0606

27264 Molex, Inc.
2222 Wellington Ct.
Lisle, IL 60532-1613

MANUFACTURER IDENTIFICATION

27735 F-Dyne Electronics
449 Howard Ave.
Bridgeport, CT 06605-1831

27908 Dynaloy, Inc.
7 Great Meadow Lane
E. Hanover, NJ 07936-1703

28105 Dearborn Wire and Cable Corp.
250 W. Carpenter Ave.
Wheeling, IL 60090

28198 Positronic Industries, Inc.
423 N. Campbell St.
P.O. Box 8247
Springfield, MO 65801

28520 Heyco Molded Products
750 Boulevard
P.O. Box 160
Kenilworth, NJ 07033-1721

28564 Refac Electronics Corp.
West Hill Rd.
P.O. Box 809
Winsted, CT 06098-9616

29440 Winfred M. Berg, Inc.
499 Ocean Ave.
E. Rockaway, NY 11518-1226

29454 Johanson Dielectrics, Inc.
2210 Screenland Dr.
P.O. Box 6465
Burbank, CA 91505-1137

29990 American Technical Ceramics
One Norden Ln.
Huntington Station, NY 11746-2102

3K058 Lambda
Mail Stop 244
6950 Winchester
Dallas, TX 75231

30146 Symbex Corp.
Sub. of Associated Enterprises
72 Corwin Dr.
P.O. Box 938
Painsville, OH 44077-1802

31148 PMI Corp.
P.O. Box 15264
Sacramento, CA 95813

31223 Micro Plastics, Inc.
20821 Dearborn St.
Chatsworth, CA 91311-5916

31433 Kemet Electronics Corp.
2835 Kemet Way
Simpsonville, SC 29681

31471 American Micro Systems, Inc.
3800 Homestead Rd.
Santa Clara, CA 95051-4542

31610 Fastenair Corp.
10800 E. Central Ave.
Wichita, KS 67206-2524

32039 Zeus Industrial Products, Inc.
Ft. Thompson St.
P.O. Box 298
Raritan, NJ 08869

32252 Olektron Corp.
61 Sutton Rd.
Webster, MA 01570-9339

32293 Intersil, Inc.
Sub. of General Electric Co.
10600 Ridgeview Ct.
Cupertino, CA 95014-0704

33005 Jewell Electrical Instruments
Grenier Field
Manchester, NH 03108

33025 M/A-Com Omni-Spectra, Inc.
Active Assemblies Div.
340 N. Roosevelt Ave.
Chandler, AZ 85226-2624

33095 Spectrum Control, Inc.
2185 W. Eighth St.
Erie, PA 16505

33096 Colorado Crystal Corp.
2303 W. 8th St.
Loveland, CO 80537-5268

33297 NEC Electronics USA, Inc.
Electronic Arrays Div.
550 E. Middlefield Rd.
Mountain View, CA 94043-4008

33497 Precision Winding, Inc.
109 S. Knight St.
Wichita, KS 67213-2417

34335 Advanced Micro Devices
901 Thompson Pl.
Sunnyvale, CA 94086-4518

34359 Minnesota Mining and Mfg. Co.
Commercial Office Supply Div.
3M Center Bldg.
St. Paul, MN 55144-1000

MANUFACTURER IDENTIFICATION

34649 Intel Corp.
Sales Office/ST4-21
3065 Bowers Corp.
Santa Clara, CA 95051

34848 Hartwell Special Products
950 S. Ritchfield Rd.
Placentia, CA 92670-6732

35795 Leslie Controls, Inc.
12501 Telecom Dr.
Tampa, FL 33617-0026

36665 Mitel Corp.
350 Leggett Dr.
P.O. Box 13089
Kanata, Ontario, Canada K2K 1X3

41987 Radio Inc.
2930 E. Harry
Wichita, KS 67211

43994 Wichita Stamp and Seal, Inc.
323 N. Market
Wichita, KS 67202

44655 Ohmite Mfg. Co.
3601 W. Howard St.
Skokie, IL 60076-4014

45684 Midwest Fastener Supply, Inc.
2238 S. Mead
Wichita, KS 67211

46384 Penn Engineering & Mfg. Corp.
Old Easton Rd.
P.O. Box 1000
Danboro, PA 18916

5N371 Matsushita Electric Corp.
of America
Panasonic Co.
Consumer Parts Div.
425 E. Algonquin Rd.
Arlington Heights, IL 6005-4620

5R599 Finnigan Electronics
1714 Scherer Pkwy.
P.O. Box 1082
St. Charles, MO 63302

5R840 Texmate, Inc.
348 S. Cedros Ave.
Solana Beach, CA 92075-1919

5U802 Dennison Mfg. Co.
Fastener Div.
300 Howard St.
Framingham, MA 01701-8313

50088 SGS-Thomson Microelectronics, Inc.
1310 Electronics Dr.
Carrollton, TX 75006-6905

50101 Frequency Sources, Inc.
Semiconductor Division,
Sub. of Loral Corp.
16 Maple Rd.
Chelmsford, MA 01824-3737

50157 Midwest Components, Inc.
1981 Port City Blvd.
P.O. Box 787
Muskegon, MI 49443

50558 Electronic Concepts, Inc.
526 Industrial Way West
Eaton Town, NJ 07724-2212

50788 Ad-vance Magnetics, Inc.
625 Monroe St.
Rochester, IN 46975-1426

51167 Aries Electronics, Inc.
62 Trenton Ave.
P.O. Box 130
Frenchtown, NJ 08825-1221

51190 IFR Systems, Inc.
10200 W. York
Wichita, KS 67215-8935

51506 Accurate Screw Machine Co.
19 Baltimore St.
Mutley, NJ 07110-1303

51640 Analog Devices, Inc.
Microelectronics Div.
829 Woburn St.
Wilmington, MA 01887-3414

51705 ICO-Rally Corp.
2575 E. Bayshore Rd.
P.O. Box 51350
Palo Alto, CA 94303-3210

52648 Plessey Trading Corp.
Plessey Optoelectronics And
Microwave
1641 Kaiser Ave.
Irvine, CA 92714

52865 Fastener Sales Co.
3228 Collinsworth
Forth Worth, TX 76107-6528

53217 Technical Wire Products, Inc.
DBA Tecknit, Inc.
320 N. Nopal St.
Santa Barbara, CA 93103-3225

MANUFACTURER IDENTIFICATION

53421 Tyton Corp.
7930 N. Faulkner Rd.
P.O. Box 23055
Milwaukee, WI 53223

54236 Ann Arbor Terminals, Inc.
6175 Jackson Rd.
Ann Arbor, MI 48103-9504

54453 Sullins Electronics Corp.
801 E. Mission Rd.
P.O. Box 757
San Marcos, CA 92069-3002

54893 Hewlett-Packard Co.
Microwave Semiconductor Div.
350 W. Trimble Rd.
San Jose, CA 95131-1008

54962 K-W Mfg. Co.
919 8th St.
Prague, OK 74864

54987 Eaton Corp.
Microwave Product Div.
Semiconductor Devices
935 Benicia Ave.
P.O. Box 3405
Sunnyvale, CA 94088

55153 Dielectric Laboratories, Inc.
Route 20 E.
P.O. Box 321
Cazenovia, NY 13025-0321

55285 The Bergquist Co., Inc.
5300 Edina
Industrial Blvd.
Minneapolis, MN 55435-3707

55322 Samtec, Inc.
810 Progress Blvd.
P.O. Box 1147
New Albany, IN 47150-2257

55442 Opto 22
15461 Springdale St.
Huntington Beach, CA 92649-1335

55576 Synertek
3001 Stender Way
Santa Clara, CA 95051

55680 Nichicon (America) Corp.
927 E. State Parkway
Schaumburg, IL 60195-4526

55936 Industrial Bearing Sales, Inc.
52 9th St.
Oakland, CA 94607

56025 Reticon Corp.
345 Portrero Ave.
Sunnyvale, CA 94086-4115

56187 Sokol Crystal Products
121 Water St.
P.O. Box 249
Mineral Point, WI 53565

56216 KW Engineering, Inc.
4565 Ruffner St.
San Diego, CA 92111-2215

56289 Sprague Electric Co.
World Headquarters
61 Spit Brook Rd., Suite 305
Nashua, NH 03060

56402 Standex Electronics
Paul Smith Co.
Div. of Standex
4538 Camberwill Rd.
Cincinnati, OH 45209-1155

56623 Babcock Inc.
1717 W. Collins Ave.
Orange, CA 92667-5422

56647 Centurion Industries, Inc.
329 Lynnway
Lynn, MA 01901-1705

56699 Mepco/Centralab
A North American Phillips Co.
6071 St. Andrews Rd.
Columbia, SC 29210-3119

56708 Zilog, Inc.
210 Hacienda Ave.
Campbell, CA 95008

56880 Magnetics, Inc.
3000 E. Preston St.
Baltimore, MD 21213-3935

57053 Gates Energy Product
Affil. of Gates Rubber Co.
1050 S. Broadway
P.O. Box 5887
Denver, CO 80217

57137 Trim-Lok, Inc.
7220 E. Compton Blvd.
Paramount, CA 90723-3908

57693 Oscillatek Corp.
620 N. Lindenwood Drive
Olathe, KS 66062-1276

MANUFACTURER IDENTIFICATION

57771 Stimpson Co., Inc.
900 Sylvan Ave.
Bayport, NY 11705-1012

57821 Polaris Plastics Corp.
Sub of Ashland Oil Inc.
2016 Vista Bella Way
Carson, CA 90220

57924 Bourns, Inc.
Networks Div.
1200 Columbia Ave.
Riverside, CA 92507

57962 SGS-Thomson Microelectronics, Inc.
16 Commerce Dr.
Montgomeryville, PA 18936

58135 Acrian, Inc.
490 Race St.
San Jose, CA 95126

58712 USECO
An affiliate of United Service
Equipment Co.
1152 Park Ave.
Murfreesboro, TN 37130-4912

58999 Sierracin/Power Systems
Div. of Sierracin Corp.
20500 Plummer St.
Chatsworth, CA 91311-5109

59096 Kyocera International, Inc.
8611 Balboa
San Diego, CA 92123-1501

59124 KOA Speer Electronics, Inc.
Bolivar Dr.
P.O. Box 547
Bradford, PA 16701

59277 Magnum Microwave Corp.
4575 Cushing Pkwy.
Fremont, CA 94538

59492 K & L Quartztek
Div. of K & L Microwave, Inc.
Subsidiary of Dover Corp.
20th South 48th Ave.
Phoenix, AZ 85043-3820

59660 Tusonix, Inc.
7741 N. Business Park Dr.
P.O. Box 37144
Tucson, AZ 85745-7144

59730 Thomas & Betts Corp.
Hwy. 218 S.
Iowa City, IA 52240

59756 Siemens Corp.
OEM Div.
240 E. Palais Rd.
Anahiem, CA 92805-6238

59993 International Rectifier
Semiconductor Div.
233 Kansas St.
El Segundo, CA 90245-4316

6V559 Du Pont E.I. De Nemours
E.I. De Nemours Co., Inc.
Berg Electronics Div.
426 Pennsylvania Ave.
Suite 100
Fort Washington, PA 19034-3410

6P825 TRX, Inc.
67 Mechanic St.
P.O. Box 1326
Attleboro Falls, MA 02763

6X403 SGS-Ates Semiconductor Corp.
2346 S. Lynhurst Dr.
Suite E-07
Indianapolis, IN 46241-5176

60583 Narda Microwave Corp.
Western Opns., Sacramento Facility
11040 White Rock Rd., Suite 200
Rancho Cordova, CA 95670-6119

61162 JFW Industries, Inc.
5134 Commerce Square Dr.
Indianapolis, IN 46237-9737

61271 Fujitsu Microelectronics, Inc.
3545 N. 1st. Bldg. 1
San Jose, CA 95134-1804

61394 SEEQ Technology, Inc.
1849 Fortune Dr.
San Jose, CA 95131-1724

61529 Aromat Corp.
629 Central Ave..
New Providence, NJ 07974

61593 Texscan MSI Corp.
Div. of Texscan Corp.
3855 South 500 W., Suite S
Salt Lake City, UT 84115-4257

61637 Union Carbide Corp.
Old Ridgebury Rd.
Danbury, CT 06817

MANUFACTURER IDENTIFICATION

61802 Toshiba International
Industrial Div.
13131 W. Little York Rd.
P.O. Box 40906
Houston, TX 77041-5807

61857 San-O Industrial Corp.
Airport Intl. Plaza
85 Orville Dr.
Bohemia, Long Island, NY 11716

62132 Manhattan Electric Cable Corp.
400 Willow St.
P.O. Box 756
Bridgeton, NJ 08302

62332 Eveready Battery Co., Inc.
U.S. 136 E.
P.O. Box 280
Maryville, MO 64468

62391 Air Filtration Products Inc.
1205 N. Flagler Dr.
Fort Lauderdale, FL 33304-2131

62462 Capar Components Corp.
8243 Jerico Tpke.
Woodbury, NY 11797

62483 Densitron Development Inc.
2540 W. 237th St.
Torrance, CA 905050

62559 Schroff Inc.
170 Commerce Dr.
Warwick, RI 02886-2430

62664 Optek Technology, Inc.
1215 W. Crosby Rd.
Carrollton, TX 75006

63426 NKK Switches of America, Inc.
14415 N. Scottsdale Rd.
Number 600
Scottsdale, AZ 85260-5930

63974 Sylvania Lighting Equipment
Div. of GTE Products Corp.
21 Penn St.
Fall River, MA 02724-1276

64082 Esprit Technology, Inc.
144 A Mayhew Way
Walnut Creek, CA 94596-2031

64537 KDI Electronics, Inc.
Sub. of KDI Corp.
60 S. Jefferson Rd.
Whippany, NJ 07981-1001

64752 SPI, Inc.
Rt. 1, P.O. Box 42
Cropwell, AL 35054-9801

64950 Silicon Systems, Inc.
14351 Myford Rd.
Tustin, CA 92680-7022

65032 Rogers Corp.
Circuit Materials Div.
100 Dobson Rd.
P.O. Box 4000
Chandler, AZ 85224

65121 ATC-Circuit Board Co., Inc.
59 Fourth Ave.
Long Branch, NJ 07740-6555

65634 Cord Electronics, Inc.
177 Cantiague Rock Rd.
Westbury, NY 11590-2826

66475 Braemar Corp.
Div of Carlisle Corp.
11400 Rupp Ave.
Burnsville, MN 55337-1279

67183 Altera Corp.
3525 Monroe St.
Santa Clara, CA 95051

70485 Atlantic India Rubber Works, Inc.
571 W. Polk St.
Chicago, IL 60607

70903 Cooper Belden
Electronic Wire & Cable
Sub. of Cooper Ind., Inc.
2000 S. Bativa Ave.
Geneva, IL 60134-3325

71279 Interconnection Products, Inc.
2601 S. Garnsey St.
Santa Ana, CA 92707

71313 Cardwell Condenser Corp.
80 E. Montauk Hwy.
Lindenhurst, NY 11757-5835

71400 Bussmann
Div. of Cooper Ind., Inc.
114 Old State Rd.
P.O. Box 14460
St. Louis, MO 63178

71482 Clare
Div. of General Instrument Corp.
3101 W. Pratt Blvd.
Chicago, IL 60645-4125

MANUFACTURER IDENTIFICATION

71590 CRL Components
Hwy. 20, W.
P.O. Box 858
Fort Dodge, IA 50501

71643 CHR Industries
An Armco Co.
407 East St.
New Haven, CT 06509

71785 Labinal Components and Systems, Inc.
1521 Morse Ave.
Elk Grove Village, IL 60007-5723

72653 GC Electronics Co.
Sub of Household Int'l. Corp.
P.O. Box 1209
1801 Morgan St.
Rockford, IL 61105-1209

72800 Eaton Corp.
Engineered Fasteners Div.
204 4th St. NW
Massilow, OH 44646-4286

72982 Erie Specialty Products, Inc.
645 W. 11th St.
Erie, PA 16512

73445 Amperex Electronic Corp.
230 Duffy Ave.
Hicksville, NY 11802

73920 Kerrigan Lewis Mfg. Co.
4421 W. Rice St.
Chicago, IL 60651-3457

74199 Quam Nichols Co.
218 E. Marquette Rd.
Chicago, IL 60637-4031

74840 Illinois Capacitor, Inc.
3757 W. Touhy Ave.
Lincolnwood, IL 60645-2626

75037 Minnesota Mining and Mfg. Co.
Electrical Product Div.
P.O. Box 2963
3M Austin Center
Austin, TX 78769-2963

75915 Littlefuse Tractor, Inc.
Sub of Tractor, Inc.
800 East N.W. Hwy.
Des Plains, IL 60016-3049

76385 Minor Rubber Co., Inc.
49 Ackerman St.
Bloomfield, NJ 07003-4201

77342 AMF, Inc.
Potter & Brumfield Div.
200 Richland Creek Dr.
Princeton, IN 47671

77542 Ray-O-Vac Corp.
601 Rayovac Dr.
P.O. Box 4960
Madison, WI 53711-0960

79136 Waldes Kohinoor, Inc.
47-16 Austel Place
Long Island City, NY 11101-4402

79963 Zierick Mfg. Co.
Radio Circle
Mt. Kisco, NY 10549

8B858 All Metal
519 W. Wrightwood Ave.
Elmhurst, IL 60126

8F189 Lowen Co., Inc.
15th & Halstead
Hutchinson, KS 67501

8K160 Unirex, Inc.
4665 E. 31st St., S.
Wichita, KS 67210-1541

8Z573 J. S. Terminal Corp. of America
1380 Brummel Ave.
Elk Grove Village, IL 60007-2109

80294 Bourns Instrument, Inc.
1200 Columbia Ave.
Riverside, CA 92507

81073 Grayhill, Inc.
561 Hillgrove Ave.
P.O. Box 10373
La Grange, IL 60525-5914

81349 Military Specifications
Promulgated by Military Dept./Agencies
Under Authority of Defense
Standardization Manual 4120 3M

82104 Standard Gribsby, Inc.
920 Rathbone Ave.
Aurora, IL 60507

82110 Gudebrod, Inc.
Griffith Towers
P.O. Box 357
Pottstown, PA 19464-5568

82389 Switchcraft, Inc.
Sub. of Raytheon Co.
5555 N. Elstron Ave.
Chicago, IL 60630-1314

MANUFACTURER IDENTIFICATION

82877	Rotron, Inc. Custom Div. 7 Hasbrouck Lane Woodstock, NY 12498-1807
83330	Dialight Corp. Manasquan Div. 1913 Atlantic Ave. Manasquan, NJ 08736-1005
83701	Electronic Devices, Inc. 21 Grey Oaks Ave. Yonkers, NY 10710-3205
84830	Lee Spring Co., Inc. 1462 62nd St. Brooklyn, NY 11219-5413
85480	W.H. Brady Co. Corp HQ Industrial Products Div. 2221 W. Camden Rd. P.O. Box 2131 Milwaukee, WI 53201
86928	Seastrom Mfg. Co., Inc. 701 Sonora Ave. Glendale, CA 91201-2431
88245	Winchester Electronics Litton Systems, Useco Div. 13536 Saticoy St. Van Nuys, CA 91409
9L981	National Transformer Corp. 100 S. Minnesota Drawer 130 Cape Girardeau, MO 63701-6033
90201	Mallory Capacitor Co. Sub. of Emhart Industries, Inc. 4760 Kentucky Ave. P.O. Box 372 Indianapolis, IN 46206
91506	Augat, Inc. 33 Perry Ave. P.O. Box 799 Attleboro, MA 02703-2417
91637	Dale Electronics, Inc. 1122 23rd. St. P.O. Box 609 Columbus, NE 68601-3632
91662	ELCO Corp. Connector Div. A Gulf & Western Mfg. Co. Sub of Gulf & Western Ind. Huntingdon Industrial Park Huntingdon, PA 16652
91833	Keystone Electronics Corp. 31-07 20th Rd. Astoria, NY 11105-2017
91836	Kings Electronics Co., Inc. 40 Marbledale Rd. Tuckahoe, NY 10707-3420
92194	Alpha Wire Corp. 711 Lidgerwood Ave. Elizabeth, NJ 07207
92218	The Wakefield Corp. 29 Foundry St. Wakefield, MA 01880-3206
92219	Waldom Electronics, Inc. 4301 W. 69th St. Chicago, IL 60629-5719
93459	Lucas Weinchel, Inc. 1 Weinschel Ln. Gaithersburg, MD 20877
93785	Braun Mfg. Co., Inc. 1655 N. Kostner Ave. Chicago, IL 60639-4704
94222	Southco, Inc. 210 N. Brinton Lake Rd. Concordville, PA 19331
94696	Magnecraft Electric Co. 1910 Techny Rd. Northbrook, IL 60062-5308
95086	Technitrol, Inc. Transformer Div. 1952 E. Allegheny Ave. Philadelphia, PA 19134-3122
95146	ALCO Electronic Products, Inc. 1551 Osgood St. North Andover, MA 01845-1014
96182	Eaton Corp. Aerospace and Commercial Cont. Div. MSC. Products 1640 Monrovia Ave. Costa Mesa, CA 92627-4405
96341	Microwave Associates, Inc. Sub. of M/A-COM, Jnc. 2nd. Ave. Bldg. 21 Burlington, MA 01803
96906	Military Standards Promulgated by Military Departments Under Authority of Defense Standardization Manual 4120 3-M

MANUFACTURER IDENTIFICATION

97525	EECO, Inc. 1601 E. Chestnut Ave. Santa Ana, CA 92701-6322
98291	Sealectro Corp. BICC Electronics 40 Lindeman Dr. Trumbull, CT 06611-4739
98668	Amphenol Corp. Sub. of Allied Corp. York Opns. 1600 Pennsylvania Ave York, PA 17404
98978	International Electronic Research Corp. P.O. Box 7704 135 W. Magnolia Blvd. Burbank, CA 91502
99800	American Precision Ind., Inc. Delevan Division 270 Quaker Rd. East Aurora, NY 14052-2114

4-2 PARTS LISTING

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FIG-ITEM NO	AIRLINE PART NO	PART NO	1 2 3 4 5 6 7 DESCRIPTION	EFF	QTY
1 - 1			BULK ITEMS LISTING		REF
- 2		RTV128	SILICONE, RTV; (V03508), 1050-0000-013		A/R
- 3		120-5	COMPOUND, THERMAL; (V92218), 1050-0000-019		A/R
- 4		1300	ADHESIVE, RUBBER; (V34359), 1050-0000-020		A/R
- 5		10-3702	Q-DOPE; (V72653), 1050-0000-021		A/R
- 6		222-21	ADHESIVE, LOC-TITE 222; (V05972), 1050-0000-047		A/R
- 7		350FASTDRYING	PAINT, CONDUCTIVE SILVER; (V27908), 1050-0000-048		A/R
- 8		8013	WIRE, BUS 16 GA; (V70903), 1050-0000-070		A/R
- 9		8019	WIRE, BUS 18 GA; (V70903), 1050-0000-071		A/R
- 10		8020	WIRE, BUS 20 GA; (V70903), 1050-0000-072		A/R
- 11		298	WIRE, BUS 22 GA; (V92194), 1050-0000-073		A/R
- 12		299	WIRE, BUS 24 GA; (V92194), 1050-0000-074		A/R
- 13		299-1	WIRE, BUS 26 GA; (V92194), 1050-0000-075		A/R
- 14		8024	WIRE, BUS 28 GA; (V70903), 1050-0000-076		A/R
- 15		410	TAPE, DBL SIDED; (V34359), 1050-0000-091		A/R
- 16		GUDELACE18NATURAL	CORD, LACING #3 NYLON; (V82110), 1050-0000-114		A/R
- 17		10-8665	ACRYLIC SPRAY; (V72653), 1050-0000-134		A/R
- 18		465-51	ADHESIVE, LOC-TITE QUICK-SET 404; (V05972), 1050-0000-140		A/R
- 19		4432	TAPE, VINYL FOAM 3/4, DBL SIDED; (V34359), 1050-0000-170		A/R
- 20		431	TAPE, ALUMINUM 3/4; (V34359), 1050-0000-208		A/R
- 21		1050-0000-226	BEAD, GLASS		A/R
- 22		4516	TAPE, VINYL FOAM 3/4 SGL SIDED; (V34359), 1050-5003-100		A/R
- 23		12292TAKPAK	ADHESIVE, LOC-TITE TAK-PAK; (V05972), 1051-0100-100		A/R
- 24		290-21	ADHESIVE, LOC-TITE; (V05972), 1051-0100-200		A/R
- 25		425-12	TAPE, ALUMINUM 1/2; (V34359), 1051-5000-500		A/R
- 26		27	TAPE, GLASS CLOTH; (V34359), 1051-5002-100		A/R
- 27		M54	TAPE, MYLAR 1/4; (VUNK040), 1051-5201-025		A/R
- 28		62-332B7	TRIM, RUBBER BLK; (V57137), 2400-0000-002		A/R
- 29		299-3	WIRE, BUS 30 GA; (V92194), 6000-0001-000		A/R
- 30		M430-3	WIRE, WRAP 30 GA, RED; (V62132), 6000-0002-000		A/R
- 31		8055	WIRE, MAGNET 30 GA, ENAM CTD; (V70903), 6000-0003-000		A/R
- 32		8053	WIRE, MAGNET 26 GA, ENAM CTD; (V70903), 6000-0003-001		A/R
- 33		12GABC	WIRE, SOLID 12 GA; (V00795), 6000-5010-120		A/R
- 34		8049	WIRE, MAGNET 18 GA, ENAM CTD; (V70903), 6000-6010-180		A/R
- 35		8051	WIRE, MAGNET 22 GA, ENAM CTD; (V70903), 6000-6010-220		A/R
- 36		8054	WIRE, MAGNET 28 GA, ENAM CTD; (V70903), 6000-6010-280		A/R
- 37		8056	WIRE, MAGNET 32 GA, ENAM CTD; (V70903), 6000-6010-320		A/R
- 38		8045	WIRE, MAGNET 38 GA, ENAM CTD; (V70903), 6000-6010-380		A/R
- 39		8048	WIRE, MAGNET 16 GA, ENAM CTD; (V70903), 6000-6050-160		A/R
- 40		8050	WIRE, MAGNET 20 GA, ENAM CTD; (V70903), 6000-6050-200		A/R
- 41		8051	WIRE, MAGNET 22 GA, ENAM CTD; (V70903), 6000-6050-220		A/R
- 42		8053	WIRE, MAGNET 26 GA, ENAM CTD; (V70903), 6000-6050-260		A/R

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FIG-ITEM NO	AIRLINE PART NO	PART NO	1 2 3 4 5 6 7	DESCRIPTION	EFF	QTY
1 - 43		34HPNBF	WIRE, 2S MAGNET	34 GA, RED/GRN; (V73920), 6000-6990-340		A/R
- 44		TFE18GA7SBLK	WIRE, 7S	18 GA, BLK; (V12515), 6001-0000-001		A/R
- 45		TFE18GA7SBRN	WIRE, 7S	18 GA, BRN; (V12515), 6001-0000-002		A/R
- 46		TFE18GA7SRED	WIRE, 7S	18 GA, RED; (V12515), 6001-0000-003		A/R
- 47		TFE18GA7SORN	WIRE, 7S	18 GA, ORN; (V12515), 6001-0000-004		A/R
- 48		TFE18GA7SYEL	WIRE, 7S	18 GA, YEL; (V12515), 6001-0000-005		A/R
- 49		TFE18GA7SGRN	WIRE, 7S	18 GA, GRN; (V12515), 6001-0000-006		A/R
- 50		TFE18GA7SBLU	WIRE, 7S	18 GA, BLU; (V12515), 6001-0000-007		A/R
- 51		TFE18GA7SVIO	WIRE, 7S	18 GA, VIO; (V12515), 6001-0000-008		A/R
- 52		TFE18GA7SWHT BLK	WIRE, 7S	18 GA, WHT/BLK; (V12515), 6001-0000-011		A/R
- 53		TFE18GA7SWHT RED	WIRE, 7S	18 GA, WHT/RED; (V12515), 6001-0000-013		A/R
- 54		TFE18GA7SWHT GRN	WIRE, 7S	18 GA, WHT/GRN; (V12515), 6001-0000-016		A/R
- 55		5859	WIRE, 19S	14 GA, BLK; (V92194), 6001-2000-001		A/R
- 56		TFE20GA7SBLK	WIRE, 7S	20 GA, BLK; (V12515), 6001-5000-001		A/R
- 57		TFE20GA7SRED	WIRE, 7S	20 GA, RED; (V12515), 6001-5000-003		A/R
- 58		TFE20GA7SORN	WIRE, 7S	20 GA, ORN; (V12515), 6001-5000-004		A/R
- 59		TFE20GA7SYEL	WIRE, 7S	20 GA, YEL; (V12515), 6001-5000-005		A/R
- 60		TFE20GA7SGRN	WIRE, 7S	20 GA, GRN; (V12515), 6001-5000-006		A/R
- 61		TFE20GA7SBLU	WIRE, 7S	20 GA, BLU; (V12515), 6001-5000-007		A/R
- 62		TFE20GA7SVIO	WIRE, 7S	20 GA, VIO; (V12515), 6001-5000-008		A/R
- 63		TFE20GA7SGRY	WIRE, 7S	20 GA, GRY; (V12515), 6001-5000-009		A/R
- 64		TFE20GA7SWHT	WIRE, 7S	20 GA, WHT; (V12515), 6001-5000-010		A/R
- 65		TFE22GA7SBLK	WIRE, 7S	22 GA, BLK; (V12515), 6002-0000-001		A/R
- 66		TFE22GA7SBRN	WIRE, 7S	22 GA, BRN; (V12515), 6002-0000-002		A/R
- 67		TFE22GA7SRED	WIRE, 7S	22 GA, RED; (V12515), 6002-0000-003		A/R
- 68		TFE22GA7SORN	WIRE, 7S	22 GA, ORN; (V12515), 6002-0000-004		A/R
- 69		TFE22GA7SYEL	WIRE, 7S	22 GA, YEL; (V12515), 6002-0000-005		A/R
- 70		TFE22GA7SGRN	WIRE, 7S	22 GA, GRN; (V12515), 6002-0000-006		A/R
- 71		TFE22GA7SBLU	WIRE, 7S	22 GA, BLU; (V12515), 6002-0000-007		A/R
- 72		TFE22GA7SVIO	WIRE, 7S	22 GA, VIO; (V12515), 6002-0000-008		A/R
- 73		TFE22GA7SGRY	WIRE, 7S	22 GA, GRY; (V12515), 6002-0000-009		A/R
- 74		TFE22GA7SWHT	WIRE, 7S	22 GA, WHT; (V12515), 6002-0000-010		A/R
- 75		TFE22GA7SWHT BLK	WIRE, 7S	22 GA, WHT/BLK; (V12515), 6002-0000-011		A/R
- 76		TFE22GA7SWHT BRN	WIRE, 7S	22 GA, WHT/BRN; (V12515), 6002-0000-012		A/R
- 77		TFE22GA7SWHT RED	WIRE, 7S	22 GA, WHT/RED; (V12515), 6002-0000-013		A/R
- 78		TFE22GA7SWHT ORN	WIRE, 7S	22 GA, WHT/ORN; (V12515), 6002-0000-014		A/R
- 79		TFE22GA7SWHT YEL	WIRE, 7S	22 GA, WHT/YEL; (V12515), 6002-0000-015		A/R
- 80		TFE22GA7SWHT GRN	WIRE, 7S	22 GA, WHT/GRN; (V12515), 6002-0000-016		A/R
- 81		TFE22GA7SWHT BLU	WIRE, 7S	22 GA, WHT/BLU; (V12515), 6002-0000-017		A/R
- 82		TFE22GA7SWHT VIO	WIRE, 7S	22 GA, WHT/VIO; (V12515), 6002-0000-018		A/R
- 83		TFE22GA7SWHT GRY	WIRE, 7S	22 GA, WHT/GRY; (V12515), 6002-0000-019		A/R
- 84		TFE26GA7SBLK	WIRE, 7S	26 GA, BLK; (V12515), 6003-0000-001		A/R
- 85		TFE26GA7SBRN	WIRE, 7S	26 GA, BRN; (V12515), 6003-0000-002		A/R
- 86		TFE26GA7SRED	WIRE, 7S	26 GA, RED; (V12515), 6003-0000-003		A/R
- 87		TFE26GA7SORN	WIRE, 7S	26 GA, ORN; (V12515), 6003-0000-004		A/R
- 88		TFE26GA7SYEL	WIRE, 7S	26 GA, YEL; (V12515), 6003-0000-005		A/R

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FIG-ITEM NO	AIRLINE PART NO	PART NO	1 2 3 4 5 6 7	DESCRIPTION	EFF	QTY
1 - 89		TFE26GA7SGRN	WIRE, 7S	26 GA, GRN; (V12515), 6003-0000-006		A/R
- 90		TFE26GA7SBLU	WIRE, 7S	26 GA, BLU; (V12515), 6003-0000-007		A/R
- 91		TFE26GA7SVIO	WIRE, 7S	26 GA, VIO; (V12515), 6003-0000-008		A/R
- 92		TFE26GA7SGRY	WIRE, 7S	26 GA, GRY; (V12515), 6003-0000-009		A/R
- 93		TFE26GA7SWHT	WIRE, 7S	26 GA, WHT; (V12515), 6003-0000-010		A/R
- 94		TFE26GA7SWHT BLK	WIRE, 7S	26 GA, WHT/BLK; (V12515), 6003-0000-011		A/R
- 95		TFE26GA7SWHT BRN	WIRE, 7S	26 GA, WHT/BRN; (V12515), 6003-0000-012		A/R
- 96		TFE26GA7SWHT RED	WIRE, 7S	26 GA, WHT/RED; (V12515), 6003-0000-013		A/R
- 97		TFE26GA7SWHT ORN	WIRE, 7S	26 GA, WHT/ORN; (V12515), 6003-0000-014		A/R
- 98		TFE26GA7SWHT YEL	WIRE, 7S	26 GA, WHT/YEL; (V12515), 6003-0000-015		A/R
- 99		TFE26GA7SWHT GRN	WIRE, 7S	26 GA, WHT/GRN; (V12515), 6003-0000-016		A/R
-100		TFE26GA7SWHT BLU	WIRE, 7S	26 GA, WHT/BLU; (V12515), 6003-0000-017		A/R
-101		TFE26GA7SWHT VIO	WIRE, 7S	26 GA, WHT/VIO; (V12515), 6003-0000-018		A/R
-102		TFE26GA7SWHT GRY	WIRE, 7S	26 GA, WHT/GRY; (V12515), 6003-0000-019		A/R
-103		30TE130BLK	WIRE, SOLID	30 GA, BLK; (V5R599), 6003-0001-000		A/R
-104		30TE130BRN	WIRE, SOLID	30 GA, BRN; (V5R599), 6003-0001-001		A/R
-105		30TE130RED	WIRE, SOLID	30 GA, RED; (V5R599), 6003-0001-002		A/R
-106		30TE130ORN	WIRE, SOLID	30 GA, ORN; (V5R599), 6003-0001-003		A/R
-107		30TE130YEL	WIRE, SOLID	30 GA, YEL; (V5R599), 6003-0001-004		A/R
-108		30TE130GRN	WIRE, SOLID	30 GA, GRN; (V5R599), 6003-0001-005		A/R
-109		30TE130BLU	WIRE, SOLID	30 GA, BLU; (V5R599), 6003-0001-006		A/R
-110		30TE130VIO	WIRE, SOLID	30 GA, VIO; (V5R599), 6003-0001-007		A/R
-111		30TE130GRY	WIRE, SOLID	30 GA, GRY; (V5R599), 6003-0001-008		A/R
-112		30TE130WHT	WIRE, SOLID	30 GA, WHT; (V5R599), 6003-0001-009		A/R
-113		T18R	TY-RAP	4.0; (V53421), 6004-6005-400		A/R
-114		T18I	TY-RAP	5.5; (V53421), 6004-6005-550		A/R
-115		FSN21A180	FLEXSTRIP	180 CNDCT, 1; (V15912), 6009-0001-000		A/R
-116		FSN22A180	FLEXSTRIP	180 CNDCT, 2; (V15912), 6009-0002-000		A/R
-117		FIT221-116BLK	TUBING, HS	1/16, BLK; (V92194), 6010-0063-200		A/R
-118		FIT221-332BLK	TUBING, HS	3/32, BLK; (V92194), 6010-0094-200		A/R
-119		FIT221-18CLR	TUBING, HS	1/8, CLR; (V92194), 6010-0125-100		A/R
-120		FIT221-18BLK	TUBING, HS	1/8, BLK; (V92194), 6010-0125-200		A/R
-121		FIT221-316CLR	TUBING, HS	3/16, CLR; (V92194), 6010-0188-100		A/R
-122		FIT221-316BLK	TUBING, HS	3/16, BLK; (V92194), 6010-0188-200		A/R
-123		FIT221-14BLK	TUBING, HS	1/4, BLK; (V92194), 6010-0250-200		A/R
-124		FIT221-38BLK	TUBING, HS	3/8, BLK; (V92194), 6010-0375-200		A/R
-125		RNF100-38M63	TUBING, HS	3/8, WHT; (V06090), 6010-0375-300		A/R
-126		FIT221-12CLR	TUBING, HS	1/2, CLR; (V92194), 6010-0500-100		A/R
-127		RNF100TYPE2CLR	TUBING, HS	3/4, CLR; (V06090), 6010-0750-100		A/R
-128		RNF100-34M63	TUBING, HS	3/4, BLK; (V06090), 6010-0750-200		A/R
-129		FIT221-3	TUBING, HS	3, WHT; (V92194), 6010-3000-300		A/R
-130		26TFETWNAT	TUBING, TFL	26 GA, NAT; (V32039), 6011-0018-001		A/R
-131		24TFETWNAT	TUBING, TFL	24 GA, NAT; (V32039), 6011-0022-001		A/R
-132		22TFETWNAT	TUBING, TFL	22 GA, NAT; (V32039), 6011-0027-001		A/R
-133		20TFETWNAT	TUBING, TFL	20 GA, NAT; (V32039), 6011-0034-000		A/R
-134		18TFETWNAT	TUBING, TFL	18 GA, NAT; (V32039), 6011-0042-000		A/R
-135		16TFETWNAT	TUBING, TFL	16 GA, NAT; (V32039), 6011-0053-001		A/R
-136		12TFETWNAT	TUBING, TFL	12 GA, NAT; (V32039), 6011-0085-000		A/R
-137		10TFETWNAT	TUBING, TFL	10 GA, NAT; (V32039), 6011-0106-001		A/R

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FIG-ITEM NO	AIRLINE PART NO	PART NO	1 2 3 4 5 6 7	DESCRIPTION	EFF	QTY
1 -138		PVC105-20CLR	TUBING, PVC	20 GA, CLR; (V92194), 6012-0034-100		A/R
-139		PVC105-16CLR	TUBING, PVC	16 GA, CLR; (V92194), 6012-0053-100		A/R
-140		PVC105-13CLR	TUBING, PVC	13 GA, CLR; (V92194), 6012-0076-100		A/R
-141		PVC105-12CLR	TUBING, PVC	12 GA, CLR; (V92194), 6012-0085-100		A/R
-142		PVC105-12BLK	TUBING, PVC	12 GA, BLK; (V92194), 6012-0085-200		A/R
-143		PVC105-10CLR	TUBING, PVC	10 GA, CLR; (V92194), 6012-0106-100		A/R
-144		PVC105-10BLK	TUBING, PVC	10 GA, BLK; (V92194), 6012-0106-200		A/R
-145		PVC105-6CLR	TUBING, PVC	6 GA, CLR; (V92194), 6012-0166-100		A/R
-146		PVC105-5CLR	TUBING, PVC	5 GA, CLR; (V92194), 6012-0186-100		A/R
-147		PVC80-5NAT	TUBING, PVC	5 GA, NAT; (V92194), 6012-0186-110		A/R
-148		PVC80-4NAT	TUBING, PVC	4 GA, NAT; (V92194), 6012-0208-110		A/R
-149		PVC105-516CLR	TUBING, PVC	5/16, CLR; (V92194), 6012-0313-100		A/R
-150		PVC80-516CLR	TUBING, PVC	5/16, NAT; (V92194), 6012-0313-110		A/R
-151		PVC105-38CLR	TUBING, PVC	3/8, CLR; (V92194), 6012-0375-100		A/R
-152		PIF130-2BLK	TUBING, PIF	2 GA, BLK; (V92194), 6013-0263-000		A/R
-153		PIF130-38BLK	TUBING, PIF	3/8, BLK; (V92194), 6013-0375-000		A/R
-154		PIF130-716BLK	TUBING, PIF	7/16, BLK; (V92194), 6013-0438-000		A/R
-155		PIF130-12BLK	TUBING, PIF	1/2, BLK; (V92194), 6013-0500-000		A/R
-156		PIF130-78BLK	TUBING, PIF	7/8, BLK; (V92194), 6013-0875-000		A/R
-157		PIF130-1BLK	TUBING, PIF	1, BLK; (V92194), 6013-1000-000		A/R
-158		SIF200-12	TUBING, SIF	1/2, WHT; (V07547), 6014-0500-100		A/R
-159		ZIZ0375SHN3B38	TUBING, VIN	3/8, BLK; (V07240), 6015-0375-000		A/R
-160		VIN66AS12BLK	TUBING, VIN	1/2, BLK; (V07240), 6015-0500-000		A/R
-161		VIN66AS15FLA TBLK	TUBING, VIN	1.5 FLAT, BLK; (V07240), 6015-1500-600		A/R
-162		PVC105-175FL ATBLK	TUBING, PVC	1.75 FLAT, BLK; (V07240), 6016-1750-040		A/R
-163		8660	SHIELD, CABLE	1/8; (V70903), 6040-0000-002		A/R
-164		20-21110	CORD, SHIELD	ALUMINUM MESH; (V53217), 6040-0010-012		A/R
-165		3583-20	CABLE, RIBBON	20 CNDCT, 28 GA; (V92194), 6040-0100-020		A/R
-166		3583-24	CABLE, RIBBON	24 CNDCT, 28 GA; (V92194), 6040-0100-024		A/R
-167		3583-25	CABLE, RIBBON	25 CNDCT, 28 GA; (V92194), 6040-0100-025		A/R
-168		55-2628-11	CABLE, RIBBON	26 CNDCT, 28 GA; (V88245), 6040-0100-026		A/R
-169		3302-34	CABLE, RIBBON	34 CNDCT, 28 GA; (V75037), 6040-0100-034		A/R
-170		3581-37	CABLE, RIBBON	37 CNDCT, 28 GA; (V92194), 6040-0100-037		A/R
-171		3581-40	CABLE, RIBBON	40 CNDCT, 28 GA; (V92194), 6040-0100-040		A/R
-172		3583-50	CABLE, RIBBON	50 CNDCT, 28 GA; (V92194), 6040-0100-050		A/R
-173		3304-60	CABLE, RIBBON	60 CNDCT, 28 GA; (V75037), 6040-0100-060		A/R
-174		3811-20	CABLE, RIBBON	20 CNDCT, 26 GA; (V75037), 6040-0101-020		A/R
-175		171-25	CABLE, RIBBON	25 CNDCT, 28 GA; (V15912), 6040-0101-025		A/R
-176		3811-10	CABLE, RIBBON	10 CNDCT, 26 GA; (V75037), 6040-0102-010		A/R
-177		3391-8	CABLE, RIBBON	8 CNDCT, 22 GA; (V75037), 6040-0300-008		A/R
-178		8132-12	CABLE, RIBBON	12 CNDCT, 18 GA; (V75037), 6040-0300-012		A/R

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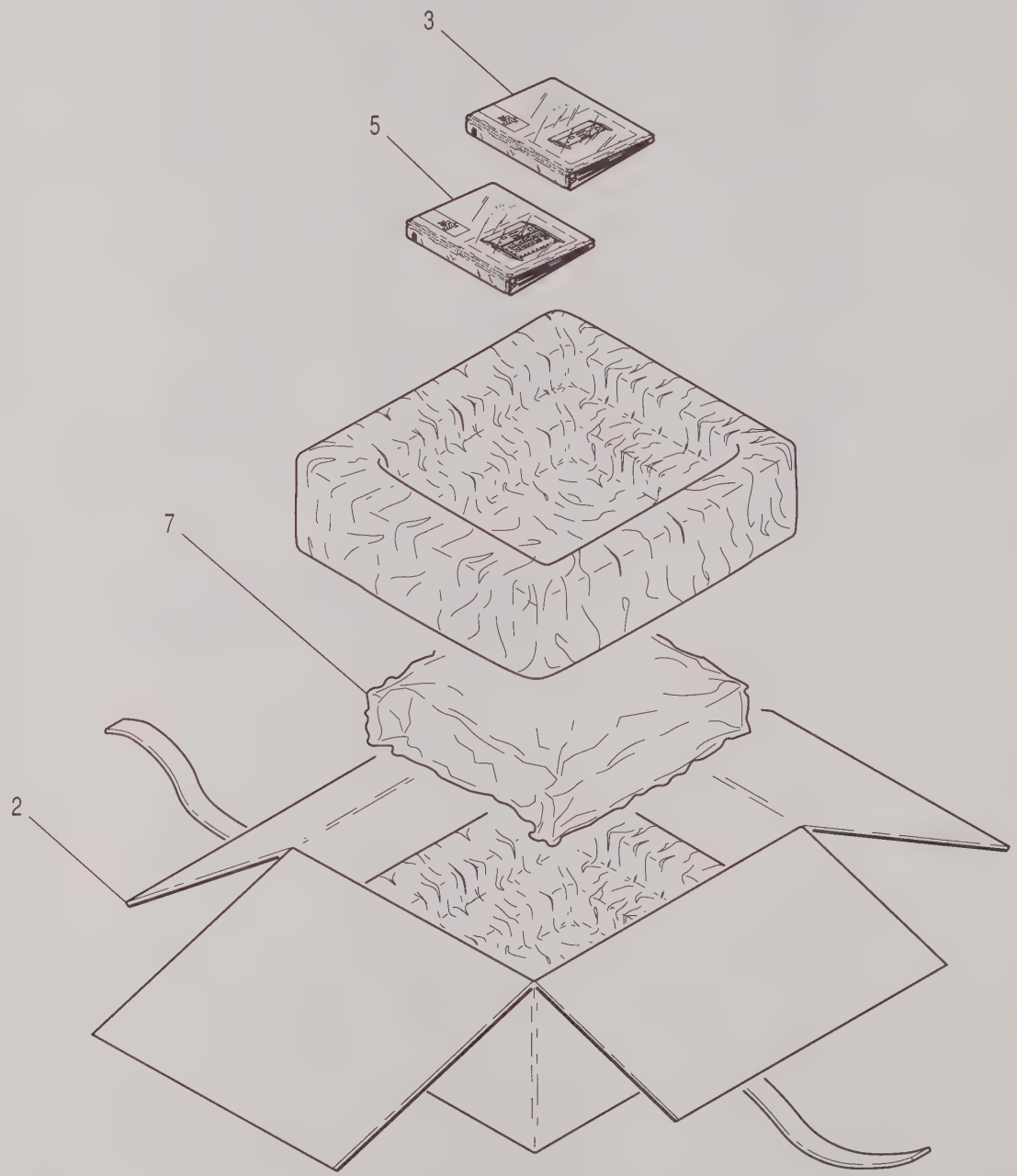
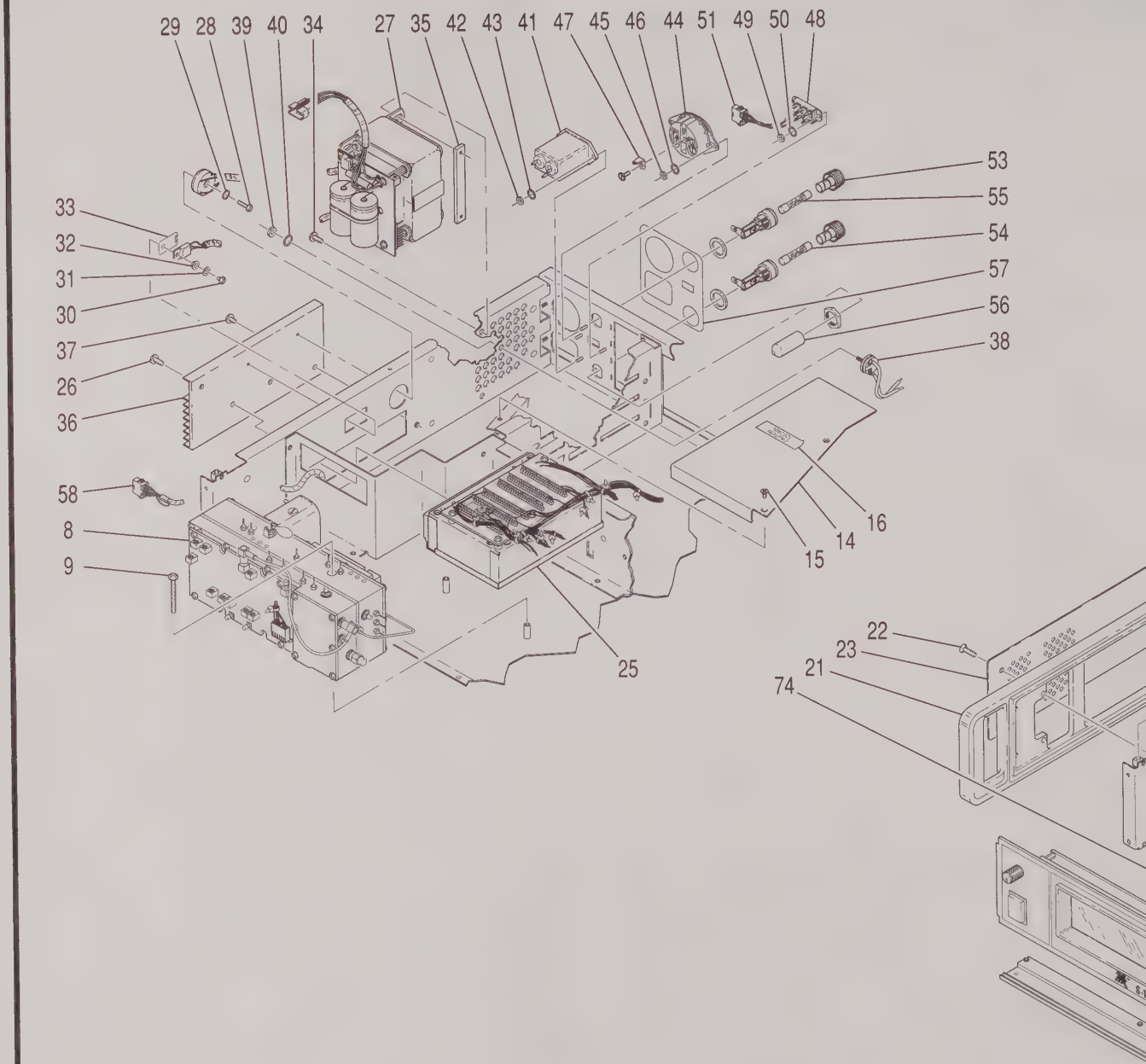
FIG-ITEM NO	AIRLINE PART NO	PART NO	1 2 3 4 5 6 7 DESCRIPTION	EFF	QTY
1 -179		15-12437	CABLE, TRIAX FLEX; (V12515), 6040-4049-000		A/R
-180		RG58AU	CABLE, TRIAX FLEX, RG-58A/U; (V28105), 6040-4058-001		A/R
-181		RG142BU	CABLE, COAX FLEX, RG-142B/U; (V28105), 6040-4142-200		A/R
-182		RG223U	CABLE, COAX FLEX, RG-223/U; (V92194), 6040-4223-000		A/R
-183		6632	CABLE, SHIELDED 2 CNDCT, 22 GA; (V92194), 6040-7050-420		A/R
-184		7632A	CABLE, SHIELDED 2 CNDCT, 22 GA; (V92194), 6040-7050-421		A/R
-185		7633	CABLE, SHIELDED 3 CNDCT, 22 GA; (V92194), 6040-7050-431		A/R
-186		8777	CABLE, SHIELDED & TWISTED 3 CNDCT, 22 GA; (V70903), 6040-7050-440		A/R
-187		7621WHT	CABLE, SHIELDED 1 CNDCT, 24 GA; (V92194), 6040-7051-501		A/R
-188		5100-10	CABLE, SHIELDED 10 CNDCT, 24 GA; (V92194), 6040-7160-510		A/R
-189		2831	CABLE, SHIELDED 1 CONDCT, 24 GA; (V92194), 6040-7725-501		A/R
-190		8411	CABLE, SHIELDED 1 CNDCT, 25 GA; (V70903), 6040-9010-601		A/R
-191		RG58AU	CABLE, COAX FLEX; (V12515), 6042-0000-002		A/R
-192		3583-16	CABLE, RIBBON 16 CNDCT, 28 GA; (V92194), 6042-0000-004		A/R
-193		RG178BU	CABLE, COAX FLEX; (V5R599), 6042-0000-005		A/R
-194		RG316U	CABLE, COAX FLEX, RG-316/U; (V12515), 6042-0000-007		A/R
-195		UT85	CABLE, COAX SEMI-RIGID; (V64639), 6042-0000-008		A/R
-196		005BRASSSHIM	SHIM, BRASS; (V14882), 8020-0000-602		A/R

NOTE: THIS LISTING IS COMPILED TO PROVIDE PART NUMBERS OF COMMONLY USED BULK ITEMS. THIS FIGURE IS NOT ILLUSTRATED. ITEM NUMBERS ARE PROVIDED FOR LOCATION OF LINE ON WHICH THE PART NUMBER APPEARS.



SHIPPING KIT
FIGURE 2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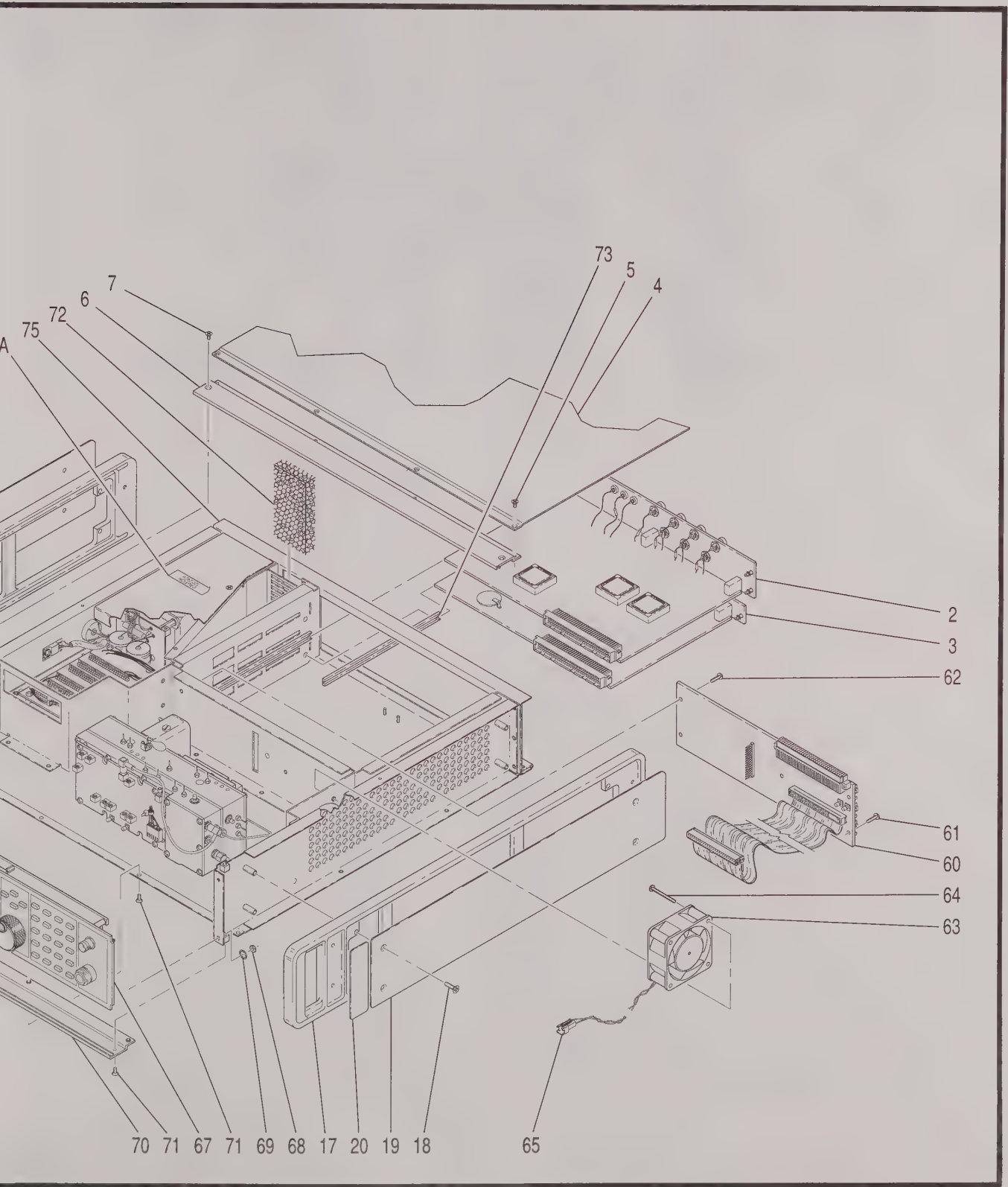
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ILLUSTRATED PARTS LIST

FIG–ITEM NO	AIRLINE PART NO	PART NO	1 2 3 4 5 6 7 DESCRIPTION	EFF	QTY
2 - 1		9001-6802-000	SHIPPING KIT		REF
2		1000-1000-900	CARTON, SHIPPING W/FOAM PADS		1
3		1003-0001-000	BINDER 1 IN		1
- 4		1002-6801-200	MANUAL, ILLUSTRATED PARTS LIST S-1403		1
5		1003-0001-000	BINDER 1 IN		1
- 6		1002-6801-000	MANUAL, OPERATION MODE-S TEST SYSTEM		1
7		7003-6840-000	S-1403 COMPOSITE ASSEMBLY SEE FIG 3		1
- 8		80-1245	CABLE ASSY, AC POWER; (V05245), 6041-0001-000		1
- 9		6045-6781-800	CABLE ASSY, RIBBON		2
- 10		8225-6010	CONNECTOR, D-TYPE; (V75037), 2116-0000-035		2
- 11		205980-1	MTG KIT, CONN; (V00779), 2118-0000-001		2
- 12		6050-0042-020	CABLE ASSY, COAX FLEX		1
- 13		2105-7521-003	CONNECTOR, SMB; (V19505), 2123-0000-037		2
- 14		7005-6743-000	KIT, CASE MTG		1
- 15		1400-6752-300	BRACKET, MTG RH		1
- 16		1400-6752-400	BRACKET, MTG		2
- 17		1400-6752-600	BRACKET, MTG LH		1
- 18		MS51957-41	SCREW 8-32 X 1/4 PPHM; (V96906), 2805-0250-006		12
- 19		MS51957-43	SCREW 8-32 X 3/8 PPHM; (V96906), 2805-0375-006		2

FIG–ITEM NO	AIRLINE PART NO	PART NO	1 2 3 4 5 6 7 DESCRIPTION	EFF	QTY
3 - 1		7003-6840-000	COMPOSITE ASSEMBLY		REF
2		7010-6830-300	PULSE PC BOARD ASSY INCL MTG HARDWARE SEE FIG 4		1
3		7010-6831-000	PROCESSOR PC BOARD ASSY INCL MTG HARDWARE SEE FIG 5		1
4		1414-6750-200	COVER, ENCLOSURE		1
			ATTACHING PARTS		
5		2803-0250-003	SCREW, UNDCHD 4-40 X 1/4 PFHM		6
			---*---		
6		2410-6751-300	BRACKET, MTG		1
			ATTACHING PARTS		
7		2803-0250-003	SCREW, UNDCHD 4-40 X 1/4 PFHM		2
			---*---		
8		7005-6840-500	DIVERSITY MODULE		1
			ATTACHING PARTS		
9		MS51957-125	SCREW 6-32 X 1 3/8 PPHM; (V96906), 2804-1375-006		2
			---*---		
- 10		6050-0361-550	CABLE ASSY, COAX FLEX		1
- 11		6050-0361-700	CABLE ASSY, COAX FLEX		1
- 12		6050-0560-550	CABLE ASSY, COAX SEMI-RIGID		1
- 13		6042-6880-200	CABLE ASSY, COAX SEMI-RIGID		1
14		1414-6751-700	COVER, SHIELD		1
			ATTACHING PARTS		
15		2803-0250-003	SCREW, UNDCHD 4-40 X 1/4 PFHM		2
			---*---		
16		2400-8002-000	DECAL CAUTION 120/240 V		1
17		1402-6750-900	FRAME, SIDE		1
			ATTACHING PARTS		
18		MS51959-30	SCREW 6-32 X 1/2 PFHM; (V96906), 2804-0500-003		4
19		1414-6752-000	COVER, RH		1
			---*---		
20		1414-6752-100	STRIP, TRIM		1
21		1402-6750-900	FRAME, SIDE		1
			ATTACHING PARTS		
22		MS51959-30	SCREW 6-32 X 1/2 PFHM; (V96906), 2804-0500-003		4
23		1414-6751-900	COVER, LH VENTILATED		1
			---*---		
- 24		1414-6752-100	STRIP, TRIM		1
25		7005-6840-100	POWER SUPPLY ASSEMBLY SEE FIG 6		1
			ATTACHING PARTS		
26		MS51957-27	SCREW 6-32 X 5/16 PPHM; (V96906), 2804-0313-006		2
			---*---		
27		7010-6730-800	LINE SUPPLY PC BOARD ASSEMBLY SEE FIG 9		1
			ATTACHING PARTS		
28		MS51957-16	SCREW 4-40 X 7/16 PPHM; (V96906), 2803-0438-006		1
29		MS35333-70	WASHER, LOCK INT TOOTH 4; (V96906), 2840-0000-003		1
30		MS51957-13	SCREW 4-40 X 1/4 PPHM; (V96906), 2803-0250-006		1
31		MS51795-803	WASHER, FLAT #4; (V96906), 2840-0000-009		1
32		7721-7PPS	WASHER, SHOULDER; (V13103), 2840-6153-500		1
33		DF103B	INSULATOR; (V02735), 4835-0000-103		1
34		MS51957-27	SCREW 6-32 X 5/16 PPHM; (V96906), 2804-0313-006		4
35		1400-5157-000	BAR, MTG		2
			---*---		
36		5400-6751-500	HEATSINK		1
			ATTACHING PARTS		
37		MS51957-26	SCREW 6-32 X 1/4 PPHM; (V96906), 2804-0250-006		2
			---*---		
38		053MCH175A160A	SWITCH, THERMAL; (VUNK045), 4800-0000-012, S10002		1
			ATTACHING PARTS		
39		NAS671C6	NUT 6-32; (V96906), 2850-0000-002		1
40		MS35333-71	WASHER, LOCK INT TOOTH 6; (V96906), 2840-0000-001		1
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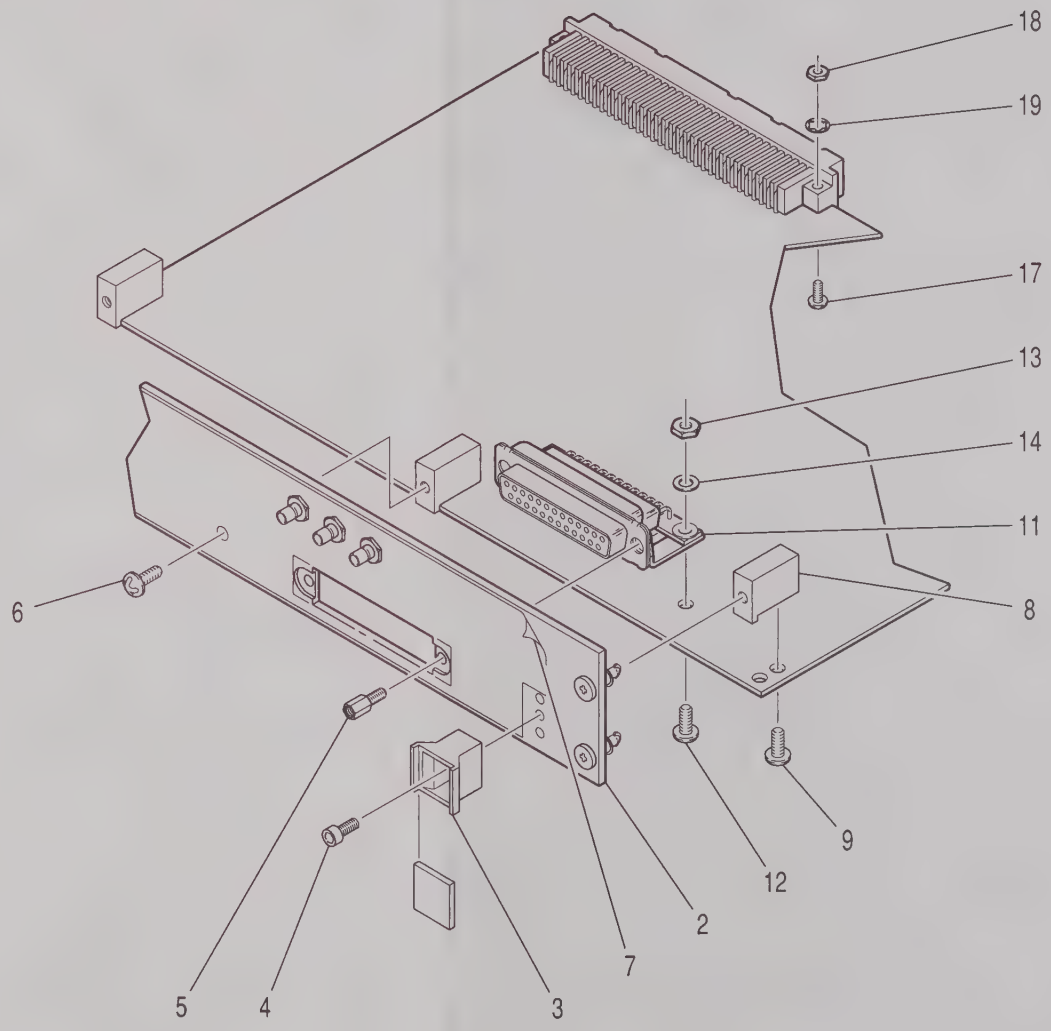
ILLUSTRATED PARTS LIST

FIG-ITEM	NO	AIRLINE PART NO	PART NO	1 2 3 4 5 6 7 DESCRIPTION	EFF	QTY
3	41		3EF1	CONNECTOR, AC POWER FILTERED; (V05245), 2220-1021-100, J10017		1
				ATTACHING PARTS		
	42		NAS671C4	NUT 4-40; (V96906), 2850-0000-020		2
	43		MS35333-70	WASHER, LOCK INT TOOTH 4; (V96906), 2840-0000-003		2
				---*---		
	44		160-2N	CONNECTOR, AC POWER INCL MTG HARDWARE; (V98668), 2220-1001-000, J10016		1
				ATTACHING PARTS		
	45		NAS671C4	NUT 4-40; (V96906), 2850-0000-020		2
	46		MS35333-70	WASHER, LOCK INT TOOTH 4; (V96906), 2840-0000-003		2
	47		1488-4	LUG, GND #4; (V83330), 2850-0000-015		1
				---*---		
	48		46256LFR	SWITCH, SLIDE; (V82389), 5135-2025-500, S10001		1
				ATTACHING PARTS		
	49		NAS671C4	NUT 4-40; (V96906), 2850-0000-020		2
	50		MS35333-70	WASHER, LOCK INT TOOTH 4; (V96906), 2840-0000-003		2
				---*---		
	51		SMP05VB	CONNECTOR, LOCKING; (V8Z573), 2115-9002-005, J10019		2
-	52		SHF001T08SS	CONTACT, CONN 22 - 26 GA; (V8Z573), 2114-9002-001		4
	53		HTA	HOLDER, FUSE INCL MTG HARDWARE; (V71400), 5105-0501-000		2
	54		AGC3FUSE	FUSE, REG BLO 3 A, 250 V; (V71400), 5106-0300-600, F10001		1
	55		AGC1	FUSE, FAST BLO 1 A, 250 V; (V71400), 5106-4501-000, F10002		1
	56		375ID100LGTW	TIP, VINYL RED; (V15819), 6007-0000-001		2
	57		2403-6751-400	LABLE, IDENT		1
	58		SMP05VB	CONNECTOR, LOCKING; (V8Z573), 2115-9002-005, J10018		2
-	59		SHF001T08SS	CONTACT, CONN 22 - 26 GA; (V8Z573), 2114-9002-001		5
	60		7010-7130-100	MOTHERBOARD PC BOARD ASSEMBLY SEE FIG 10		1
				ATTACHING PARTS		
	61		MS51957-17	SCREW 4-40 X 1/2 PPHM; (V96906), 2803-0500-006		2
	62		MS51957-16	SCREW 4-40 X 7/16 PPHM; (V96906), 2803-0438-006		3
				---*---		
	63		032269FL12A306	FAN; (V82877), 2600-0007-000, B10001		1
				ATTACHING PARTS		
	64		2803-1188-006	SCREW, 4-40 X 1 3/16 PPHM		4
				---*---		
	65		SMR02VB	CONNECTOR, LOCKING; (V8Z573), 2115-9001-002, B10001-J1		1
-	66		SYM001T06	CONTACT, CONN 22 - 26 GA; (V8Z573), 2114-9001-001		2
	67		7005-6840-200	FRONT PANEL ASSEMBLY SEE FIG 11		1
				ATTACHING PARTS		
	68		MS35649-244	NUT 4-40; (V96906), 2850-0000-008		4
	69		MS35333-70	WASHER, LOCK INT TOOTH 4; (V96906), 2840-0000-003		4
				---*---		
	70		2410-6751-300	BRACKET, MTG		1
				ATTACHING PARTS		
	71		2803-0250-003	SCREW, UNDCHD 4-40 X 1/4 PFHM		6
				---*---		
	72		2601-6751-800	FILTER, FAN		1
	73		23071-5	GUIDE, CARD NAT; (V18677), 4104-0000-001		4
	74		ZB6015BLK	FOOT, RUBBER; (V76385), 1421-0002-438		4
	75		6500-6880-600	CHASSIS ASSY		1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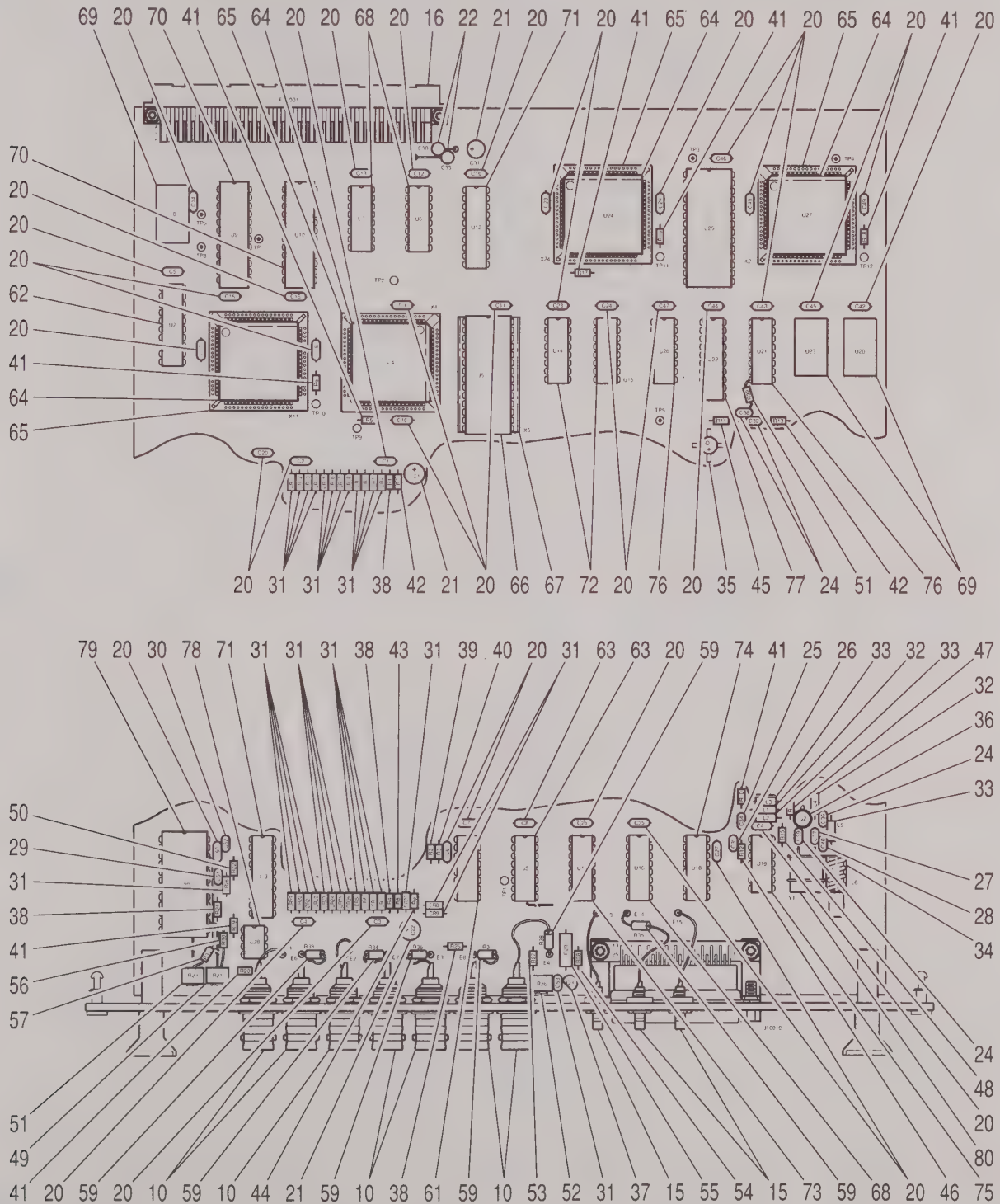

PULSE PC BOARD ASSY
FIGURE 4

FIG-ITEM	NO	AIRLINE PART NO	PART NO	1 2 3 4 5 6 7 DESCRIPTION	EFF	QTY
4 -	1		7010-6830-300	PULSE PC BOARD ASSY SEE FIG 3 FOR NHA		REF
	2		1414-6851-100	PLATE ASSY, MTG		1
				ATTACHING PARTS		
	3		20809-294	GRIP, HANDLE; (V62559), 1407-0000-003		2
	4		MS16995-9	SCREW 4-40 X 1/4 SHC; (V96906), 2803-0250-002		2
	5		2850-7601-301	SCREW, SPECIAL 4-40		2
	6		MS51957-13	SCREW 4-40 X 1/4 PPHM; (V96906), 2803-0250-006		1
				---*---		
	7		2400-6851-000	LABEL, IDENT		1
	8		2100-6751-600	BLOCK, MTG		3
				ATTACHING PARTS		
	9		MS51957-13	SCREW 4-40 X 1/4 PPHM; (V96906), 2803-0250-006		2
				---*---		
	10		UG1094U	CONNECTOR, BNC INCL MTG HARDWARE; (V98668), 2113-0000-020, J10003, J10004, J10005, J10006, J10007, J10008, J10009		7
	11		205858-2	CONNECTOR, D-TYPE; (V00779), 2116-0001-000, J10010		1
				ATTACHING PARTS		
	12		MS51957-14	SCREW 4-40 X 5/16 PPHM; (V96906), 2803-0313-006		2
	13		NAS671C4	NUT 4-40; (V96906), 2850-0000-020		2
	14		MS35333-70	WASHER, LOCK INT TOOTH 4; (V96906), 2840-0000-003		2
				---*---		
	15		2019-7511-000	CONNECTOR, SMB; (V19505), 2123-0000-038, J10013, J10014, J10015		3
	16		533205-1	CONNECTOR, HEADER; (V00779), 2129-1002-196, P11001		1
				ATTACHING PARTS		
	17		MS51957-6	SCREW 2-56 X 7/16 PPHM; (V96906), 2801-0438-006		2
	18		NAS671C2	NUT 2-56; (V96906), 2850-0000-012		2
	19		MS35333-69	WASHER, LOCK INT TOOTH 2; (V96906), 2840-0000-004		2
				---*---		
	20		C410C104M545CA	CAPACITOR .1 µF, 50 V; (V61637), 1521-0000-008, C11001, C11002, C11003, C11004, C11005, C11006, C11007, C11008, C11009, C11010, C11011, C11012, C11013, C11014, C11015, C11016, C11017, C11018, C11019, C11020, C11023, C11024, C11025, C11026, C11027, C11028, C11029, C11041, C11042, C11043, C11044, C11045, C11046, C11047, C11048, C11049, C11050		37
	21		USL1A470MCA	CAPACITOR 47 µF, 10 V; (V55680), 1580-4702-105, C11021, C11022, C11031		3
	22		T350H336M016AS	CAPACITOR 33 µF, 16 V; (V31433), 1605-3360-475, C11030, C11033		2
	23		C320C102J2G5CA	CAPACITOR 1000 pF, 200 V; (V61637), 1506-0102-017, C11032, C11036, C11038, C11039		4
	24		C320C331J2G5CA	CAPACITOR 330 pF, 200 V; (V61637), 1506-0331-017, C11034		1
	25		C320C560J2G5CA	CAPACITOR 56 pF, 200 V; (V61637), 1506-0560-017, C11035		1
	26		C320C470J2G5CA	CAPACITOR 47 pF, 200 V; (V61637), 1506-0470-017, C11037		1
	27		C320C151J2G5CA	CAPACITOR 150 pF, 200 V; (V61637), 1506-0151-017, C11040		1
	28		C320C330J2G5CA	CAPACITOR 33 pF, 200 V; (V61637), 1506-0330-017, C11051		1
	29		C320C101J2G5CA	CAPACITOR 100 pF, 200 V; (V61637), 1506-0101-017, C11052		1
	30		C320C121J2G5CA	CAPACITOR 120 pF, 200 V; (V61637), 1506-0121-017, C11053		1

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FIG-ITEM	NO	AIRLINE PART NO	PART NO	1 2 3 4 5 6 7 DESCRIPTION	EFF	QTY
4	31		JAN1N4148	DIODE, SIGNAL; (V81349), 4815-0000-003, CR11001, CR11002, CR11003, CR11004, CR11005, CR11006, CR11007, CR11008, CR11009, CR11010, CR11011, CR11012, CR11013, CR11014, CR11015, CR11016, CR11017, CR11018, CR11019, CR11020, CR11021, CR11022, CR11023, CR11024, CR11025, CR11026, CR11027, CR11028		28
	32		1025-36	INDUCTOR 4.7 µH; (V99800), 1801-0479-001, L11001, L11003, L11004		3
	33		1025-08	INDUCTOR .33 µH; (V99800), 1801-0338-001, L11002, L11005		2
	34		1804-0000-009	INDUCTOR, VAR .047 - .075 µH, L11006		1
	35		SRF3114	TRANSISTOR; (V04713), 4803-0000-004, Q11001		1
	36		66382	TRANSISTOR; (V6X403), 4809-0000-005, Q11002		1
	37		JAN2N3903-18	TRANSISTOR; (V81349), 4807-0000-001, Q11003		1
	38		RLR05C102JR	RESISTOR 5%, 1/8 W, 1 K; (V81349), 4701-0102-003, R11001, R11004, R11024, R11025		4
	39		RLR07C7500FR	RESISTOR 1%, 1/4 W, 750 Ω; (V81349), 4706-7500-001, R11002		1
	40		RLR07C2490FR	RESISTOR 1%, 1/4 W, 249 Ω; (V81349), 4706-2490-001, R11003		1
	41		RLR05C103JR	RESISTOR 5%, 1/8 W, 10 K; (V81349), 4701-0103-003, R11005, R11006, R11010, R11016, R11017, R11018, R11019, R11020		8
	42		RLR05C471JR	RESISTOR 5%, 1/8 W, 470 Ω; (V81349), 4701-0471-003, R11007, R11013		2
	43		RLR05C221JR	RESISTOR 5%, 1/8 W, 220 Ω; (V81349), 4701-0221-003, R11008		1
	44		RLR05C220JR	RESISTOR 5%, 1/8 W, 22 Ω; (V81349), 4701-0220-003, R11009		1
	45		RLR05C330JR	RESISTOR 5%, 1/8 W, 33 Ω; (V81349), 4701-0330-003, R11011		1
	46		RLR05C682JR	RESISTOR 5%, 1/8 W, 6.8 K; (V81349), 4701-0682-003, R11012		1
	47		RLR05C393JR	RESISTOR 5%, 1/8 W, 39 K; (V81349), 4701-0393-003, R11014		1
	48		RLR05C680JR	RESISTOR 5%, 1/8 W, 68 Ω; (V81349), 4701-0680-003, R11015		1
	49		62-2-1-103	RESISTOR, VAR 10 K; (V02111), 4753-0103-002, R11021		1
	50		RLR05C472JR	RESISTOR 5%, 1/8 W, 4.7 K; (V81349), 4701-0472-003, R11022		1
	51		62-2-1-203	RESISTOR, VAR 20 K; (V02111), 4753-0203-002, R11023		1
	52		62-2-1-102	RESISTOR, VAR 1 K; (V02111), 4753-0102-002, R11026		1
	53		RLR05C222JR	RESISTOR 5%, 1/8 W, 2.2 K; (V81349), 4701-0222-003, R11027		1
	54		RLR05C470JR	RESISTOR 5%, 1/8 W, 47 Ω; (V81349), 4701-0470-003, R11028		1
	55		RLR20C471JR	RESISTOR 5%, 1/2 W, 470 Ω; (V81349), 4703-0471-003, R11029		1
	56		RLR05C823JR	RESISTOR 5%, 1/8 W, 82 K; (V81349), 4701-0823-003, R11030		1
	57		RLR05C473JR	RESISTOR 5%, 1/8 W, 47 K; (V81349), 4701-0473-003, R11031		1
	58		RLR05C820JR	RESISTOR 5%, 1/8 W, 82 Ω; (V81349), 4701-0820-003, R11032		1
	59		RLR07C390JR	RESISTOR 5%, 1/4 W, 39 Ω; (V81349), 4702-0390-003, R11033, R11034, R11035, R11036, R11037, R11038		6
	60		85931-6	POST, GANG; (V00779), 2114-0000-007, TP11003, TP11004, TP11005, TP11006, TP11007, TP11008		6
	61		DS3486N	IC, RS422/423 LINE RCVR; (V27014), 3134-0000-024, U11001		1
	62		SN74LS374N	IC, OCTAL D FLIP-FLOP; (V01295), 3211-3374-000, U11002		1
	63		SN74LS153N	IC, DUAL SEL/MPLXR; (V01295), 3211-3153-000, U11003		1

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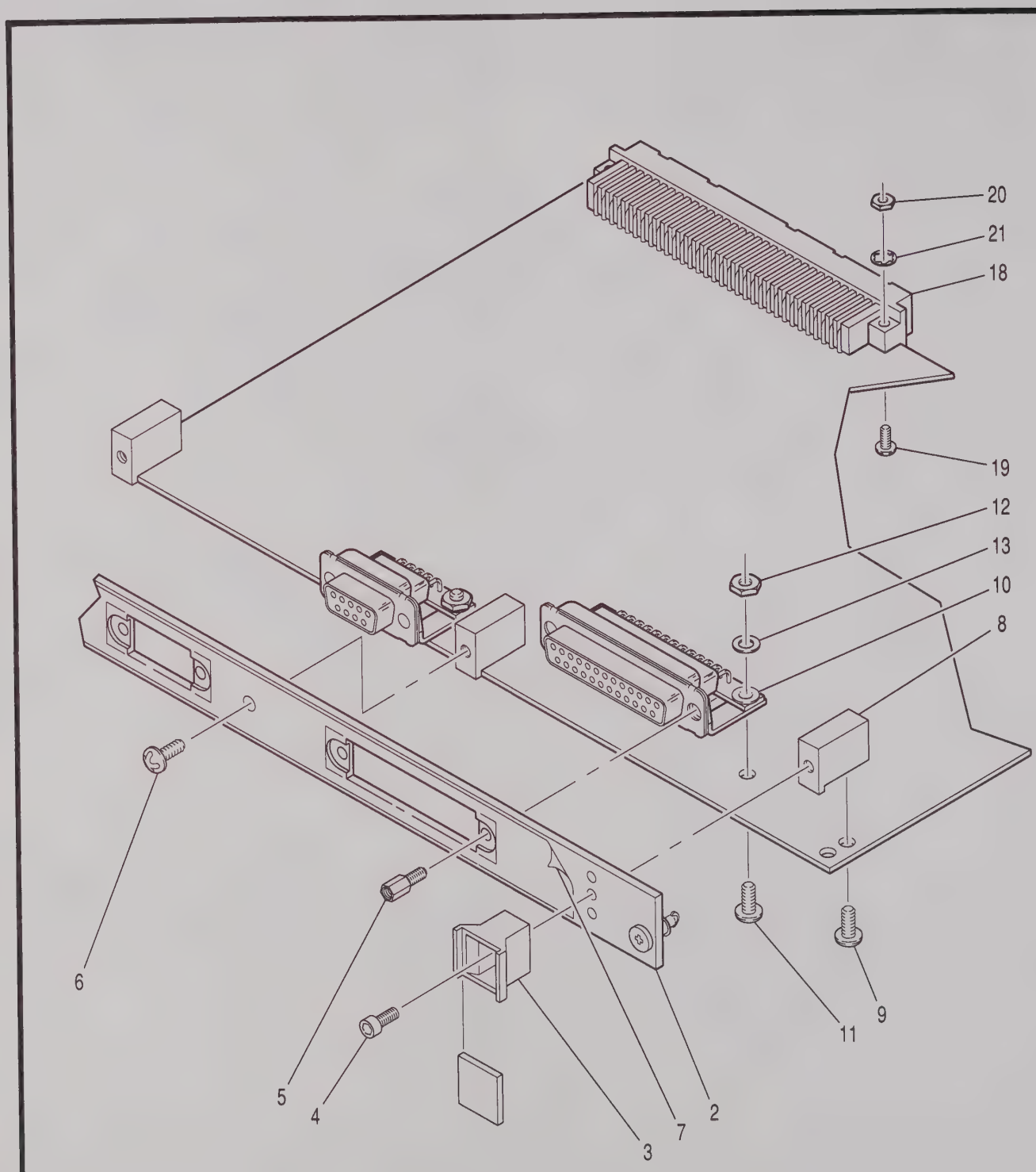
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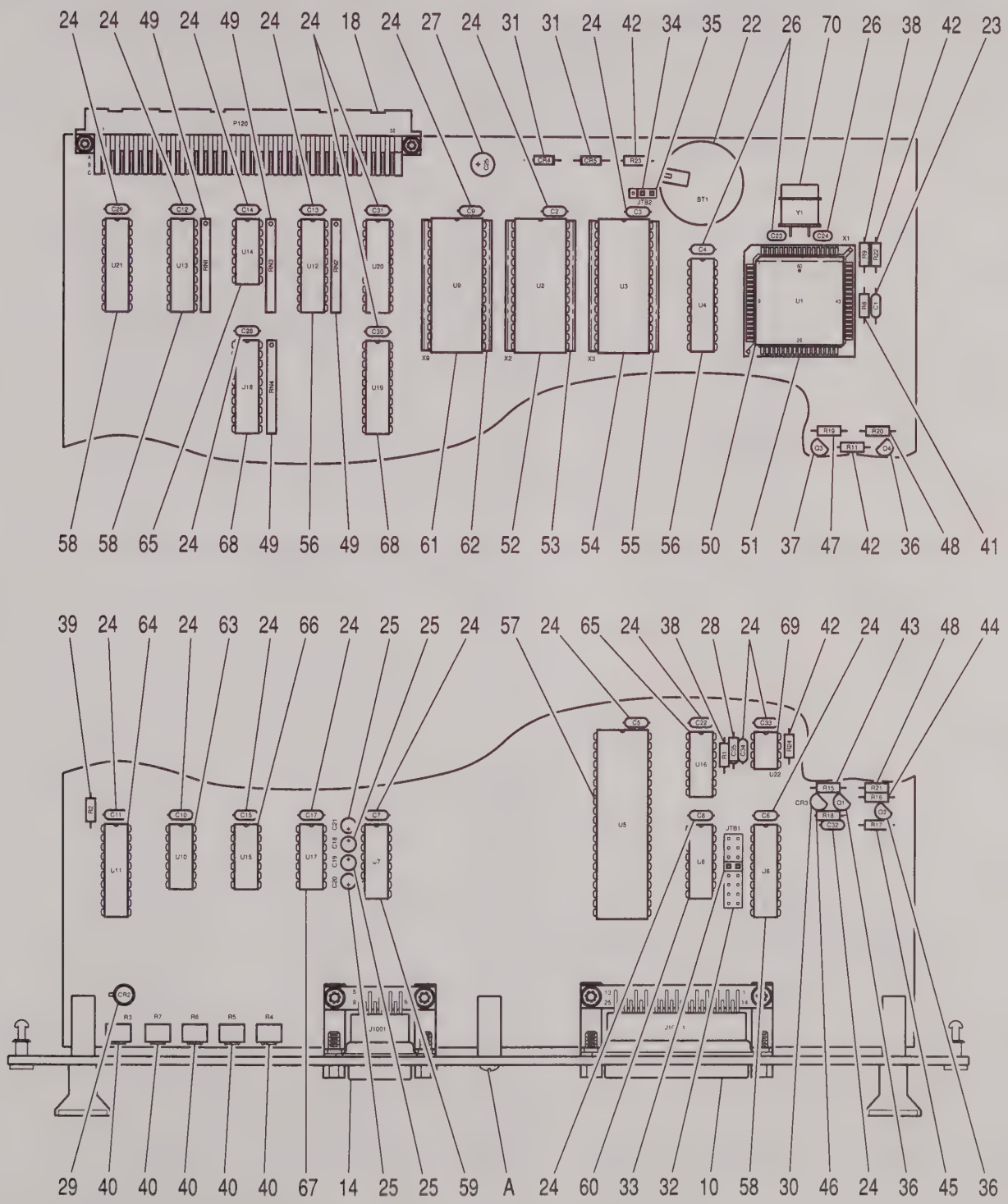


PROCESSOR PC BOARD ASSY
FIGURE 5

FIG–ITEM	NO	AIRLINE PART NO	PART NO	1 2 3 4 5 6 7	DESCRIPTION	EFF	QTY
4	64		AM2064-70JC068		IC, LCA; (V34335), 3271-2064-070, U11004, U11011, U11024, U11027		4
	65		821574-1		SOCKET, CHIP CARRIER; (V00779), 3101-0000-031, X11004, X11011, X11024, X11027		4
	66		2764	*	IC, 8-BIT EPROM NON-PROGRAMMED; (V01295), 3263-2500-000, U11005		1
	67		ICN286S4G		SOCKET, DIP; (V06776), 3101-0000-021, X11005		1
	68		SN74LS157N		IC, QUAD MPLXR; (V01295), 3211-3157-000, U11006, U11007, U11016		3
	69		DDU6-50		IC, DIGITAL DELAY; (V22519), 3226-0005-000, U11008, U11020, U11023		3
	70		TMS4461-12NL		IC, DYNAMIC RAM; (V01295), 3260-0000-001, U11009, U11010, U11025		2
	71		SN74LS244N		IC, OCTAL BFR/DRVR/RCVR; (V01295), 3211-3244-000, U11012, U11013		2
	72		SN74LS138N		IC, DCDR/MPLXR; (V01295), 3131-0000-045, U11014, U11015		2
	73		N74F85N		IC, 4-BIT MAGTD CMPTR; (V18324), 3215-0000-002, U11017		1
	74		N74F109N		IC, DUAL J-K FLIP-FLOP; (V18324), 3215-0000-003, U11018		1
	75		N74F04N		IC, HEX INV; (V18324), 3215-0000-001, U11019		1
	76		N74F161AN		IC, SYN 4-BIT BIN CNTR; (V18324), 3215-0000-004, U11021, U11026		2
	77		N74F374N		IC, OCTAL D FLIP-FLOP; (V18324), 3215-0000-005, U11022		1
	78		LF412CN		IC, DUAL J-FET OP AMP; (V27014), 3135-0000-054, U11028		1
	79		NE5020N		IC, 10-BIT D/A CONV; (V18324), 3228-0006-000, U11029		1
	80		63-117		CRYSTAL 80.000000 MHz; (V54962), 2363-0117-000, Y11001		1

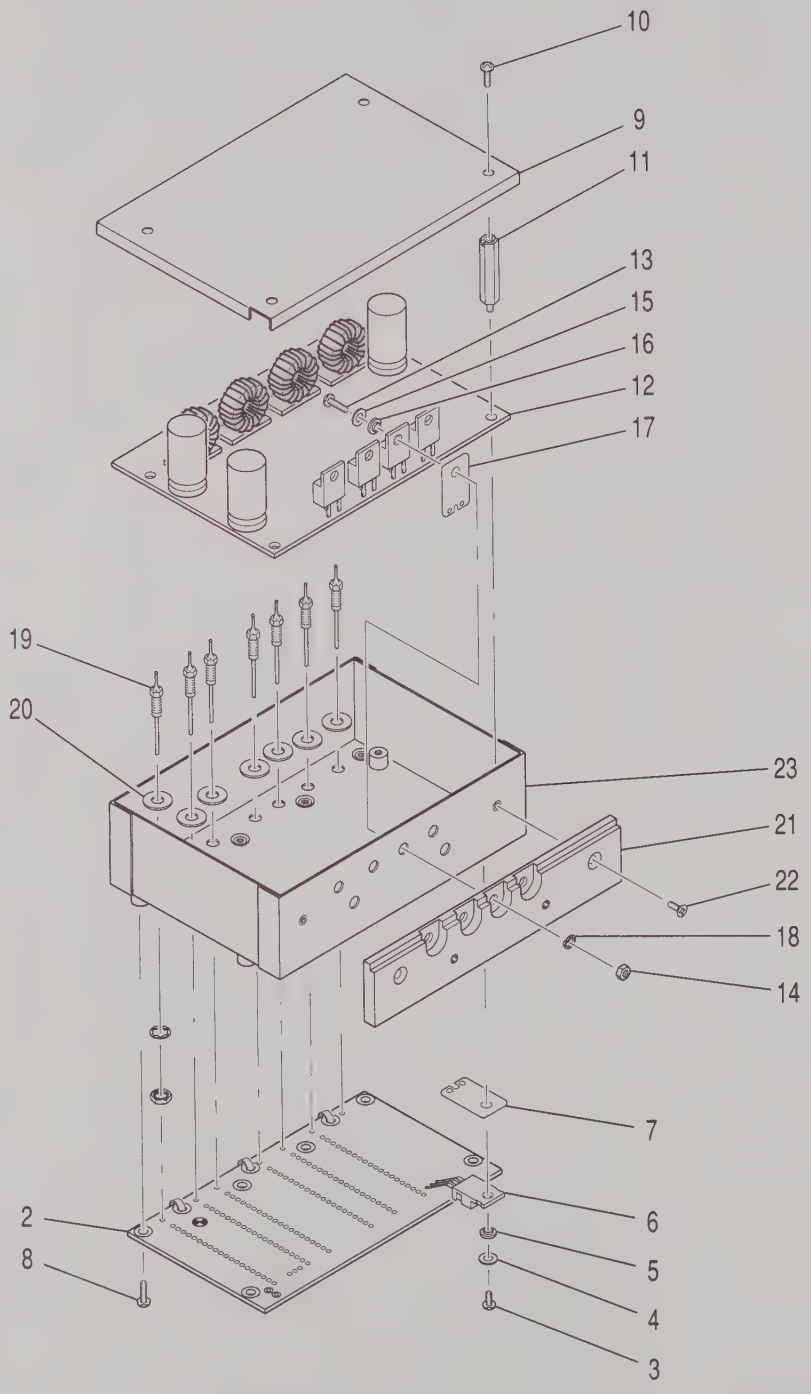
NOTE: * CONSULT IFR SYSTEMS CUSTOMER SERVICE FOR APPLICABLE PROGRAMMING.

FIG-ITEM NO	AIRLINE PART NO	PART NO	1 2 3 4 5 6 7 DESCRIPTION	EFF	QTY
5 - 1		7010-6831-000	PROCESSOR PC BOARD ASSY SEE FIG 3 FOR NHA		REF
2		1414-6750-700	PLATE ASSY, MTG		1
			ATTACHING PARTS		
3		20809-294	GRIP, HANDLE; (V62559), 1407-0000-003		2
4		MS16995-9	SCREW 4-40 X 1/4 SHC; (V96906), 2803-0250-002		2
5		2850-7601-301	SCREW, SPECIAL 4-40		4
6		MS51957-13	SCREW 4-40 X 1/4 PPHM; (V96906), 2803-0250-006		1
			---*---		
7		2400-6851-800	LABEL, IDENT		1
8		2100-6751-600	BLOCK, MTG		3
			ATTACHING PARTS		
9		MS51957-13	SCREW 4-40 X 1/4 PPHM; (V96906), 2803-0250-006		2
			---*---		
10		205858-2	CONNECTOR, D-TYPE; (V00779), 2116-0001-000, J10011		1
			ATTACHING PARTS		
11		MS51957-14	SCREW 4-40 X 5/16 PPHM; (V96906), 2803-0313-006		2
12		NAS671C4	NUT 4-40; (V96906), 2850-0000-020		2
13		MS35333-70	WASHER, LOCK INT TOOTH 4; (V96906), 2840-0000-003		2
			---*---		
14		205866-2	CONNECTOR, D-TYPE; (V00779), 2205-3310-104, J10012		1
			ATTACHING PARTS		
- 15		MS51957-14	SCREW 4-40 X 5/16 PPHM; (V96906), 2803-0313-006		2
- 16		NAS671C4	NUT 4-40; (V96906), 2850-0000-020		2
- 17		MS35333-70	WASHER, LOCK INT TOOTH 4; (V96906), 2840-0000-003		2
			---*---		
18		533205-1	CONNECTOR, HEADER; (V00779), 2129-1002-196, P12001		1
			ATTACHING PARTS		
19		MS51957-6	SCREW 2-56 X 7/16 PPHM; (V96906), 2801-0438-006		2
20		NAS671C2	NUT 2-56; (V96906), 2850-0000-012		2
21		MS35333-69	WASHER, LOCK INT TOOTH 2; (V96906), 2840-0000-004		2
			---*---		
22		BR2325P2B	BATTERY 3 VDC, 160 mAH; (V77542), 4000-9232-501, BT12001		1
23		CAC04Z5U224Z050A	CAPACITOR .22 µF, 50 V; (V16299), 1627-2240-450, C12001		1
24		C410C104M545CA	CAPACITOR .1 µF, 50 V; (V61637), 1521-0000-008, C12002, C12003, C12004, C12005, C12006, C12007, C12008, C12009, C12010, C12011, C12012, C12013, C12014, C12015, C12017, C12022, C12028, C12029, C12030, C12031, C12032, C12033, C12034		23
25		CLE47MF35V	CAPACITOR 4.7 µF, 35 V; (V62462), 1580-4792-305, C12018, C12019, C12020, C12021		4
26		C320C270J2G5CA	CAPACITOR 27 pF, 200 V; (V61637), 1506-0270-017, C12023, C12024		2
27		USL1A470MCA	CAPACITOR 47 µF, 10 V; (V55680), 1580-4702-105, C12025		1
28		T322B105M035AS	CAPACITOR 1 µF, 35 V; (V31433), 1507-0105-018, C12035		1
29		LM335H	IC, TEMP SENSOR; (V27014), 3223-0006-000, CR12002		1
30		LM336BZ25V	IC, VOLTAGE REF DIODE; (V27014), 3225-0001-000, CR12003		1
31		11DQ03	DIODE, RECT; (V59993), 4920-5151-300, CR12004, CR12005		2
32		87227-8	CONNECTOR, WAFER; (V00779), 2129-1087-016, JTB12001		1
33		SHC1002-00101 0BOT	BLOCK, JUMPER; (V75037), 2132-0004-000		1
34		22-03-2031	CONNECTOR, WAFER; (V27264), 2115-1001-003, JTB12002		1
35		SHC1002-00101 0BOT	BLOCK, JUMPER; (V75037), 2132-0004-000		1
36		JAN2N3905-18	TRANSISTOR; (V81349), 4807-0000-002, Q12001, Q12002, Q12004		3
37		JAN2N3903-18	TRANSISTOR; (V81349), 4807-0000-001, Q12003		1
38		RLR07C472JR	RESISTOR 5%, 1/4 W, 4.7 K; (V81349), 4702-0472-003, R12001, R12009		2

CONTINUED ON NEXT PAGE

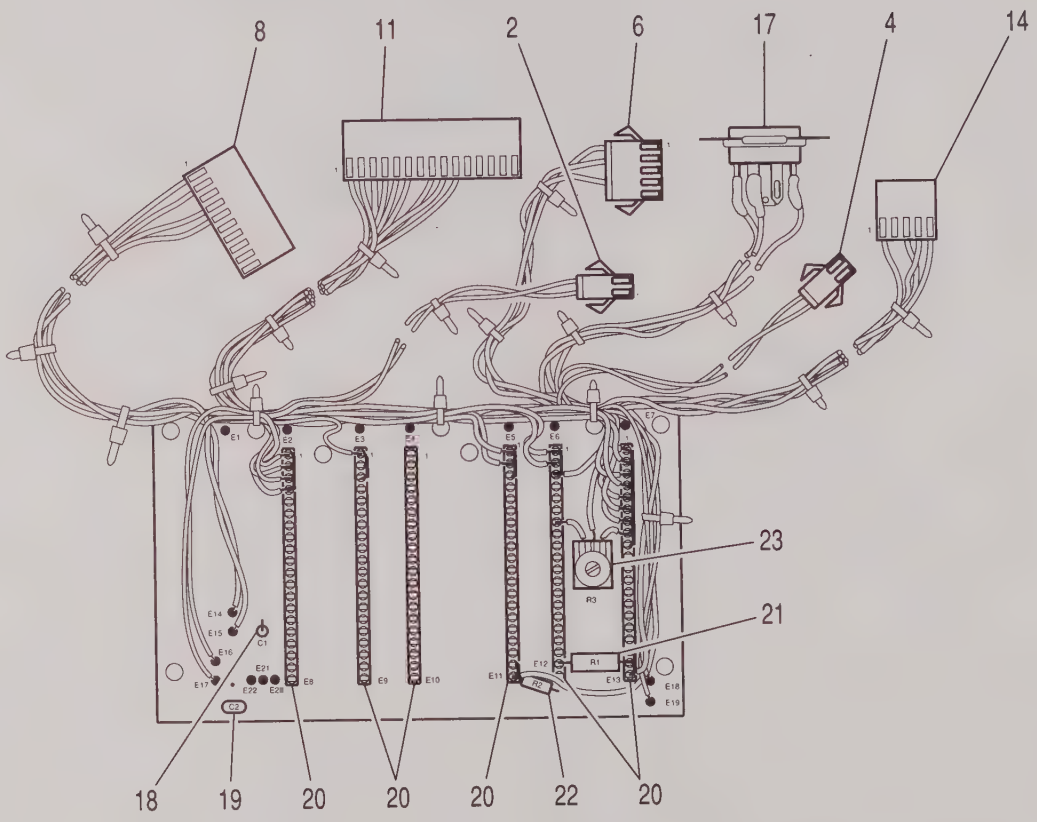
FIG-ITEM	NO	AIRLINE PART NO	PART NO	1 2 3 4 5 6 7	DESCRIPTION	EFF	QTY
5	39		RLR07C123JR		RESISTOR 5%, 1/4 W, 12 K; (V81349), 4702-0123-003, R12002		1
	40		62-2-1-103		RESISTOR, VAR 10 K; (V02111), 4753-0103-002, R12003, R12004, R12005, R12006, R12007		5
	41		RLR07C391JR		RESISTOR 5%, 1/4 W, 390 Ω; (V81349), 4702-0391-003, R12008		1
	42		RLR07C102JR		RESISTOR 5%, 1/4 W, 1 K; (V81349), 4702-0102-003, R12011, R12022, R12023, R12024		4
	43		RLR07C271JR		RESISTOR 5%, 1/4 W, 270 Ω; (V81349), 4702-0271-003, R12015		1
	44		RLR07C7680FR		RESISTOR 1%, 1/4 W, 768 Ω; (V81349), 4706-7680-001, R12016		1
	45		RLR07C8060FR		RESISTOR 1%, 1/4 W, 806 Ω; (V81349), 4706-8060-001, R12017		1
	46		RLR07C821JR		RESISTOR 5%, 1/4 W, 820 Ω; (V81349), 4702-0821-003, R12018		1
	47		RLR07C331JR		RESISTOR 5%, 1/4 W, 330 Ω; (V81349), 4702-0331-003, R12019		1
	48		RLR07C332JR		RESISTOR 5%, 1/4 W, 3.3 K; (V81349), 4702-0332-003, R12020, R12021		2
	49		4310R101-123		RESISTOR, NETWORK 10-P, 12 K; (V57924), 4690-0912-300, RN12001, RN12002, RN12003, RN12004		4
	50		80188-10		IC, 8-BIT MICROPROCESSOR; (V34649), 3135-0000-068, U12001		1
	51		821574-1		SOCKET, CHIP CARRIER; (V00779), 3101-0000-031, X12001		1
	52		AM27512-25DC	*	IC, 8-BIT EPROM NON-PROGRAMMED; (V34335), 3271-0006-000, U12002		1
	53		ICB286S8TG		SOCKET, DIP; (V06776), 3101-0000-029, X12002		1
	54		MB84256-15		IC, STATIC RAM; (V61271), 3260-0100-700, U12003		1
	55		ICB286S8TG		SOCKET, DIP; (V06776), 3101-0000-029, X12003		1
	56		DM74LS373N		IC, OCTAL D-TYPE LATCH; (V27014), 3211-3373-000, U12004, U12012		2
	57		8256AH		IC, MUART; (V34639), 3135-0000-067, U12005		1
	58		74HCT245		IC, OCTAL BUS XCVR; (V52648), 3214-8245-000, U12006, U12013, U12021		3
	59		MAX232EPE		IC, RS232 XCVR; (V1E566), 3223-0005-000, U12007		1
	60		SN74LS138N		IC, DCDR/MPLXR; (V01295), 3131-0000-045, U12008		1
	61		AM27512-25DC	*	IC, 8-BIT EPROM NON-PROGRAMMED; (V34335), 3271-0006-000, U12009		1
	62		ICB286S8TG		SOCKET, DIP; (V06776), 3101-0000-029, X12009		1
	63		SN74LS74AN		IC, DUAL D FLIP-FLOP; (V01295), 3131-0000-038, U12010		1
	64		MC145040		IC, 8-BIT A/D PERIPHERAL; (V04713), 3228-0008-000, U12011		1
	65		SN74LS125N		IC, TRI-STATE QUAD BFR; (V01295), 3131-0000-007, U12014, U12016		2
	66		SN74LS04N		IC, HEX INV; (V01295), 3131-0000-033, U12015		1
	67		SN74LS02N		IC, QUAD 2-INP NOR; (V01295), 3131-0000-032, U12017		1
	68		SN74LS244N		IC, OCTAL BFR/DRVR/RCVR; (V01295), 3211-3244-000, U12018, U12019, U12020		3
	69		AMPAL22V10PC		IC, REGULATOR; (V34335), 3135-0000-069, U12022		1
	70		63-113		CRYSTAL 16.384000 MHz; (V54962), 2363-0113-000, Y12001		1

NOTE: * CONSULT IFR SYSTEMS CUSTOMER SERVICE FOR APPLICABLE PROGRAMING.



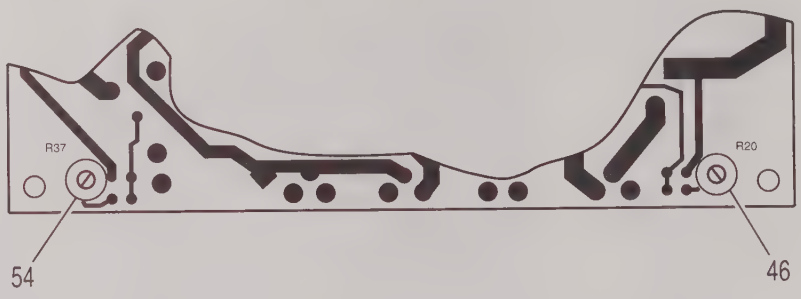
POWER SUPPLY ASSEMBLY
FIGURE 6

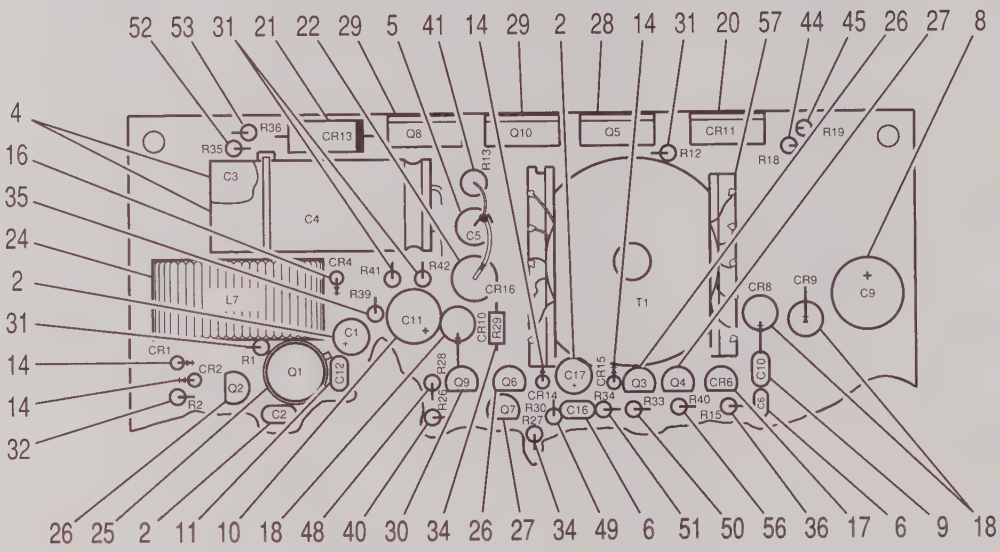
FIG-ITEM NO	AIRLINE PART NO	PART NO	1 2 3 4 5 6 7 DESCRIPTION	EFF	QTY
6 - 1		7005-6840-100	POWER SUPPLY ASSEMBLY SEE FIG 3 FOR NHA		REF
2		7010-6830-000	POWER DISTRIBUTION PC BOARD ASSEMBLY SEE FIG 7		1
			ATTACHING PARTS		
3		MS51957-12	SCREW 4-40 X 3/16 PPHM; (V96906), 2803-0188-006		1
4		MS51795-803	WASHER, FLAT #4; (V96906), 2840-0000-009		1
5		7721-7PPS	WASHER, SHOULDER; (V13103), 2840-6153-500		1
6		UA7812UC	IC, REGULATOR; (V06141), 3224-0078-120, U18001		1
7		DF103B	INSULATOR; (V02735), 4835-0000-103		1
8		MS51957-14	SCREW 4-40 X 5/16 PPHM; (V96906), 2803-0313-006		6
			---*---		
9		1414-6150-300	COVER, ENCLOSURE		1
			ATTACHING PARTS		
10		MS51957-14	SCREW 4-40 X 5/16 PPHM; (V96906), 2803-0313-006		4
			---*---		
11		2800-5154-700	SCREW, SPECIAL 4-40		4
12		7010-6730-700	INVERTER SUPPLY PC BOARD ASSEMBLY SEE FIG 8		1
			ATTACHING PARTS		
13		MS51957-14	SCREW 4-40 X 5/16 PPHM; (V96906), 2803-0313-006		4
14		NAS671C4	NUT 4-40; (V96906), 2850-0000-020		4
15		MS51795-803	WASHER, FLAT #4; (V96906), 2840-0000-009		4
16		7721-7PPS	WASHER, SHOULDER; (V13103), 2840-6153-500		4
17		DF103B	INSULATOR; (V02735), 4835-0000-103		4
18		MS35338-135	WASHER, LOCK SPLIT 4; (V96906), 2840-0000-012		4
			---*---		
19		1250-003	FILTER, FEEDTHRU 1500 pF INCL MTG HARDWARE; (V72982), 5801-0000-006, FL18001, FL18002, FL18003, FL18004, FL18005, FL18006, FL18007		7
			ATTACHING PARTS		
20		116ID406OD 037TK	WASHER, FLAT SPECIAL; (VUNK019), 2840-0000-046		1
			---*---		
21		5400-6150-100	HEATSINK, POWER SUPPLY		1
			ATTACHING PARTS		
22		2803-0313-003	SCREW, UNDCHD 4-40 X 5/16 PFHM		2
			---*---		
23		1415-6150-200	ENCLOSURE ASSY		1



POWER DISTRIBUTION PC BD ASSY
FIGURE 7

FIG-ITEM NO	AIRLINE PART NO	PART NO	1 2 3 4 5 6 7 DESCRIPTION	EFF	QTY
7 - 1		7010-6830-000	POWER DISTRIBUTION PC BD ASSY SEE FIG 6 FOR NHA		REF
2		SMP02VB	CONNECTOR, LOCKING; (V8Z573), 2115-9002-002, B10001-P1		1
- 3		SHF001T08SS	CONTACT, CONN 22 - 26 GA; (V8Z573), 2114-9002-001		2
4		SMP02VB	CONNECTOR, LOCKING; (V8Z573), 2115-9002-002, P15002		1
- 5		SHF001T08SS	CONTACT, CONN 22 - 26 GA; (V8Z573), 2114-9002-001		2
6		22-01-2051	CONNECTOR, WAFER; (V27264), 2115-0001-005, P15003		1
- 7		SHF001T08SS	CONTACT, CONN 22 - 26 GA; (V8Z573), 2114-9002-001		3
8		22-01-2101	CONNECTOR, WAFER; (V27264), 2115-0000-013, P19001		1
- 9		08-55-0101	CONTACT, CONN 22 - 30 GA; (V27264), 2114-0000-022		4
- 10		15-04-9209	KEY, POLARIZING CONN; (V27264), 2127-9900-100		1
11		22-01-2151	CONNECTOR, WAFER; (V27264), 2115-0000-014, P20001		1
- 12		08-55-0101	CONTACT, CONN 22 - 30 GA; (V27264), 2114-0000-022		9
- 13		15-04-9209	KEY, POLARIZING CONN; (V27264), 2127-9900-100		1
14		SMP05VB	CONNECTOR, LOCKING; (V8Z573), 2115-9002-005, P23005		1
- 15		08-55-0101	CONTACT, CONN 22 - 30 GA; (V27264), 2114-0000-022		4
- 16		15-04-9209	KEY, POLARIZING CONN; (V27264), 2127-9900-100		1
17		8578	SOCKET, TUBE; (V00629), 2125-0000-003, P23017		1
18		CAC04Z5U224Z050A	CAPACITOR .22 µF, 50 V; (V16299), 1627-2240-450, C16001		1
19		C410C104M545CA	CAPACITOR .1 µF, 50 V; (V61637), 1521-0000-008, C16002		1
20		TS120GC	TERMINAL STRIP; (V55322), 2155-1010-020, E16008, E16009, E16010, E16011, E16012, E16013		6
21		RLR20C331JR	RESISTOR 5%, 1/2 W, 330 Ω; (V81349), 4703-0331-003, R16001		1
22		RLR07C102JR	RESISTOR 5%, 1/4 W, 1 K; (V81349), 4702-0102-003, R16002		1
23		3339W1-103	RESISTOR, VAR 10 K; (V57924), 4756-3110-300, R16003		1


R37
R20
54
46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4
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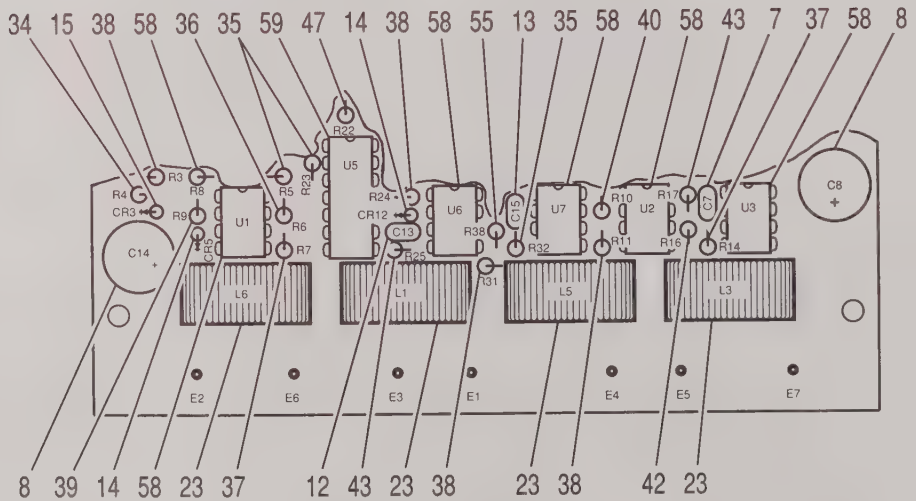
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R22
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U3
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C14
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E7
8 39 14 58 23 37 12 43 23 38 23 38 42 23

FIG-ITEM NO	AIRLINE PART NO	PART NO	1 2 3 4 5 6 7 DESCRIPTION	EFF	QTY
8 - 1		7010-6730-700	INVERTER SUPPLY PC BOARD ASSEMBLY SEE FIG 6 FOR NHA		REF
2		USA1C470MCA	CAPACITOR 47 µF, 16 V; (V55680), 1580-4700-216, C17001, C17017		2
3		C320C272J2G5CA	CAPACITOR 2700 pF, 200 V; (V61637), 1506-0272-017, C17002		1
4		UPA1V331MRH	CAPACITOR 330 µF, 35 V; (V55680), 1580-3310-360, C17003, C17004		2
5		MPC1333-50-5	CAPACITOR .33 µF, 50 V; (V27735), 1502-0334-012, C17005		1
6		C320C680J2G5CA	CAPACITOR 68 pF, 200 V; (V61637), 1506-0680-017, C17006, C17016		2
7		C052K103K1X5CA	CAPACITOR .01 µF, 100 V; (V61637), 1506-0103-017, C17007		1
8		UPA1E33IMPH	CAPACITOR 330 µF, 25 V; (V55680), 1580-3310-025, C17008, C17009, C17014		3
9		C320C182J2G5CA	CAPACITOR 1800 pF, 100 V; (V61637), 1506-0182-017, C17010		1
10		UKB1H100MAA	CAPACITOR 10 µF, 50 V; (V55680), 1580-1002-460, C17011		1
11		C320C221J2G5CA	CAPACITOR 220 pF, 200 V; (V61637), 1506-0221-017, C17012		1
12		C320C152J2G5CA	CAPACITOR 1500 pF, 200 V; (V61637), 1506-0152-017, C17013		1
13		C340C223J2G5CA	CAPACITOR .022 µF, 25 V; (V61637), 1625-2230-100, C17015		1
14		JAN1N4148	DIODE, SIGNAL; (V81349), 4815-0000-003, CR17001, CR17002, CR17005, CR17012, CR17014, CR17015		6
15		5082-2800	DIODE, S-BAR; (V54893), 4816-0000-001, CR17003		1
16		JAN1N5240B	DIODE, ZENER 10 V; (V81349), 4818-0000-001, CR17004		1
17		LM329CZ	DIODE, ZENER 6.9 V; (V27014), 4818-0000-015, CR17006		1
18		MR852	DIODE, RECOVERY; (V04713), 4818-0000-018, CR17008, CR17009, CR17010		3
- 19		260-0001-020	RECEPTACLE, SOCKET; (V14840), 2813-0000-006		6
20		UES2403	DIODE, RECT 150 V, 16 A; (V12969), 4822-6010-150, CR17011		1
21		80SQ045	DIODE, RECT; (V59993), 4920-5158-450, CR17013		1
22		IR80SQ030	DIODE, RECT; (V59993), 4920-5158-300, CR17016		1
23		1800-5354-900	INDUCTOR .085 mH @ 1 kHz; L17001, L17003, L17005, L17006		4
24		1800-5061-400	INDUCTOR .1 mH @ 1 kHz; L17007		1
25		JAN2N2905	TRANSISTOR; (V81349), 4801-0000-004, Q17001		1
26		JAN2N2222	TRANSISTOR; (V81349), 4801-0000-001, Q17002, Q17003, Q17006		3
27		JAN2N2907A	TRANSISTOR; (V81349), 4805-0000-001, Q17004, Q17007		2
28		IRF541	TRANSISTOR; (V59993), 5050-2454-100, Q17005		1
29		IRF9521	TRANSISTOR; (V59993), 5050-2952-100, Q17008, Q17010		2
30		JAN2N3903-18	TRANSISTOR; (V81349), 4807-0000-001, Q17009		1
31		RLR07C270JR	RESISTOR 5%, 1/4 W, 27 Ω; (V81349), 4702-0270-003, R17001, R17012, R17041, R17042		4
32		RLR05C472JR	RESISTOR 5%, 1/8 W, 4.7 K; (V81349), 4701-0472-003, R17002		1
33		RLR05C104JR	RESISTOR 5%, 1/8 W, 100 K; (V81349), 4701-0104-003, R17003		1
34		RLR05C102JR	RESISTOR 5%, 1/8 W, 1 K; (V81349), 4701-0102-003, R17004, R17027, R17029		3
35		RLR05C223JR	RESISTOR 5%, 1/8 W, 22 K; (V81349), 4701-0223-003, R17005, R17023, R17032, R17039		4
36		RLR05C103JR	RESISTOR 5%, 1/8 W, 10 K; (V81349), 4701-0103-003, R17006, R17015		2
37		RLR05C333JR	RESISTOR 5%, 1/8 W, 33 K; (V81349), 4701-0333-003, R17007, R17014		2

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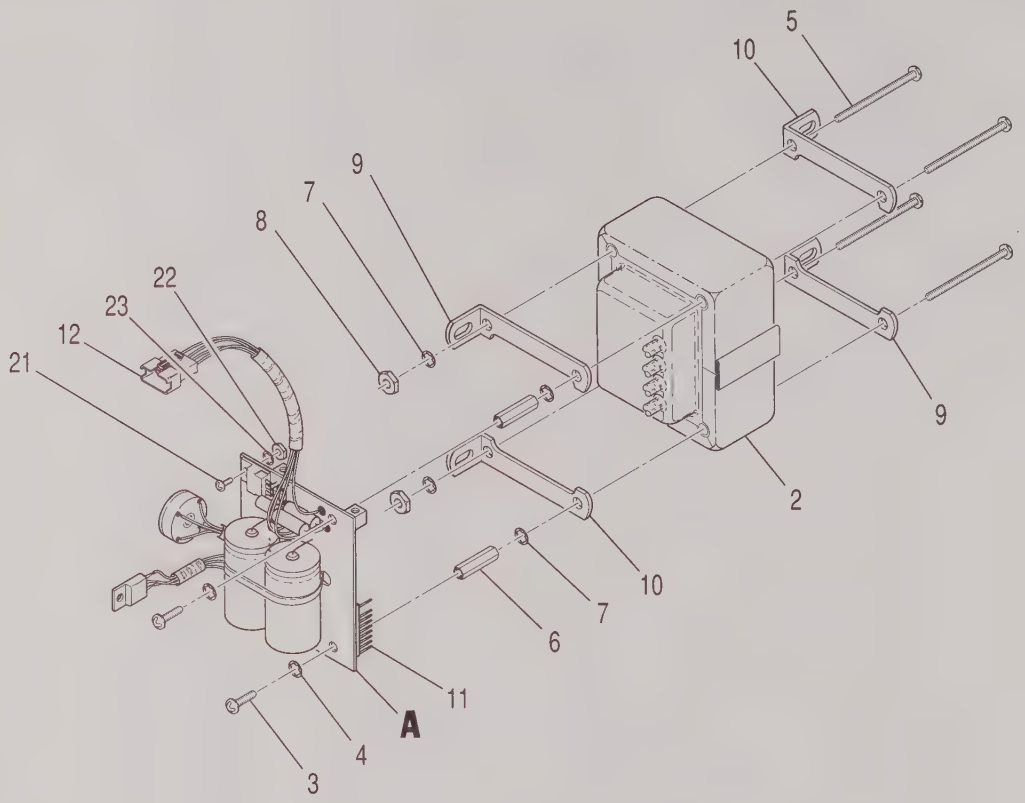
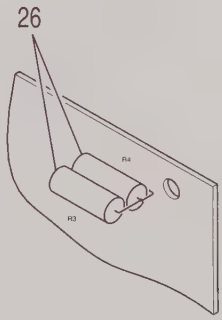
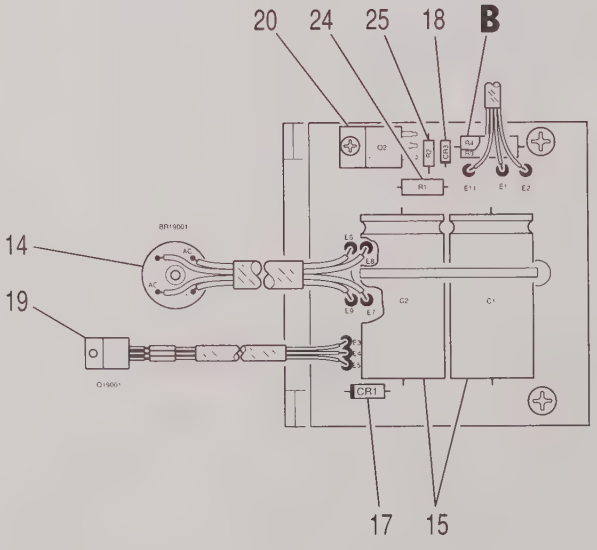
ILLUSTRATED PARTS LIST

FIG-ITEM	NO	AIRLINE PART NO	PART NO	1 2 3 4 5 6 7	DESCRIPTION	EFF	QTY
8	38		RLR05C153JR		RESISTOR 5%, 1/8 W, 15 K; (V81349), 4701-0153-003, R17008, R17011, R17024, R17031		4
	39		RLR05C822JR		RESISTOR 5%, 1/8 W, 8.2 K; (V81349), 4701-0822-003, R17009		1
	40		RLR05C823JR		RESISTOR 5%, 1/8 W, 82 K; (V81349), 4701-0823-003, R17010, R17026		2
	41		RLR20C821JR		RESISTOR 5%, 1/2 W, 820 Ω; (V81349), 4703-0821-003, R17013		1
	42		RLR05C471JR		RESISTOR 5%, 1/8 W, 470 Ω; (V81349), 4701-0471-003, R17016		1
	43		RLR05C332JR		RESISTOR 5%, 1/8 W, 3.3 K; (V81349), 4701-0332-003, R17017, R17025		2
	44		RLR07C8451FR		RESISTOR 1%, 1/4 W, 8.45 K; (V81349), 4706-8451-001, R17018		1
	45		RLR07C5761FR		RESISTOR 1%, 1/4 W, 5.76 K; (V81349), 4706-5761-001, R17019		1
	46		62-1-1-202		RESISTOR, VAR 2 K; (V02111), 4752-0202-002, R17020		1
	47		RLR05C221JR		RESISTOR 5%, 1/8 W, 220 Ω; (V81349), 4701-0221-003, R17022		1
	48		RLR05C470JR		RESISTOR 5%, 1/8 W, 47 Ω; (V81349), 4701-0470-003, R17028		1
	49		RLR05C101JR		RESISTOR 5%, 1/8 W, 100 Ω; (V81349), 4701-0101-003, R17030		1
	50		RLR07C4991FR		RESISTOR 1%, 1/4 W, 4.99 K; (V81349), 4706-4991-001, R17033		1
	51		RLR07C9091FR		RESISTOR 1%, 1/4 W, 9.09 K; (V81349), 4706-9091-001, R17034		1
	52		RLR07C1001FR		RESISTOR 1%, 1/4 W, 1 K; (V81349), 4706-1001-001, R17035		1
	53		RLR07C4751FR		RESISTOR 1%, 1/4 W, 4.75 K; (V81349), 4706-4751-001, R17036		1
	54		62-1-1-103		RESISTOR, VAR 10 K; (V02111), 4752-0103-002, R17037		1
	55		RLR05C562JR		RESISTOR 5%, 1/8 W, 5.6 K; (V81349), 4701-0562-003, R17038		1
	56		RLR05C563JR		RESISTOR 5%, 1/8 W, 56 K; (V81349), 4701-0563-003, R17040		1
	57		5604-5355-101		TRANSFORMER; T17001		1
	58		CA3130E		IC, BIMOS OP AMP; (V02735), 3133-0000-024, U17001, U17002, U17003, U17006, U17007		5
	59		CD4047BE		IC, ASTABLE MULTIVIBRATOR; (V02735), 3133-0000-016, U17005		1





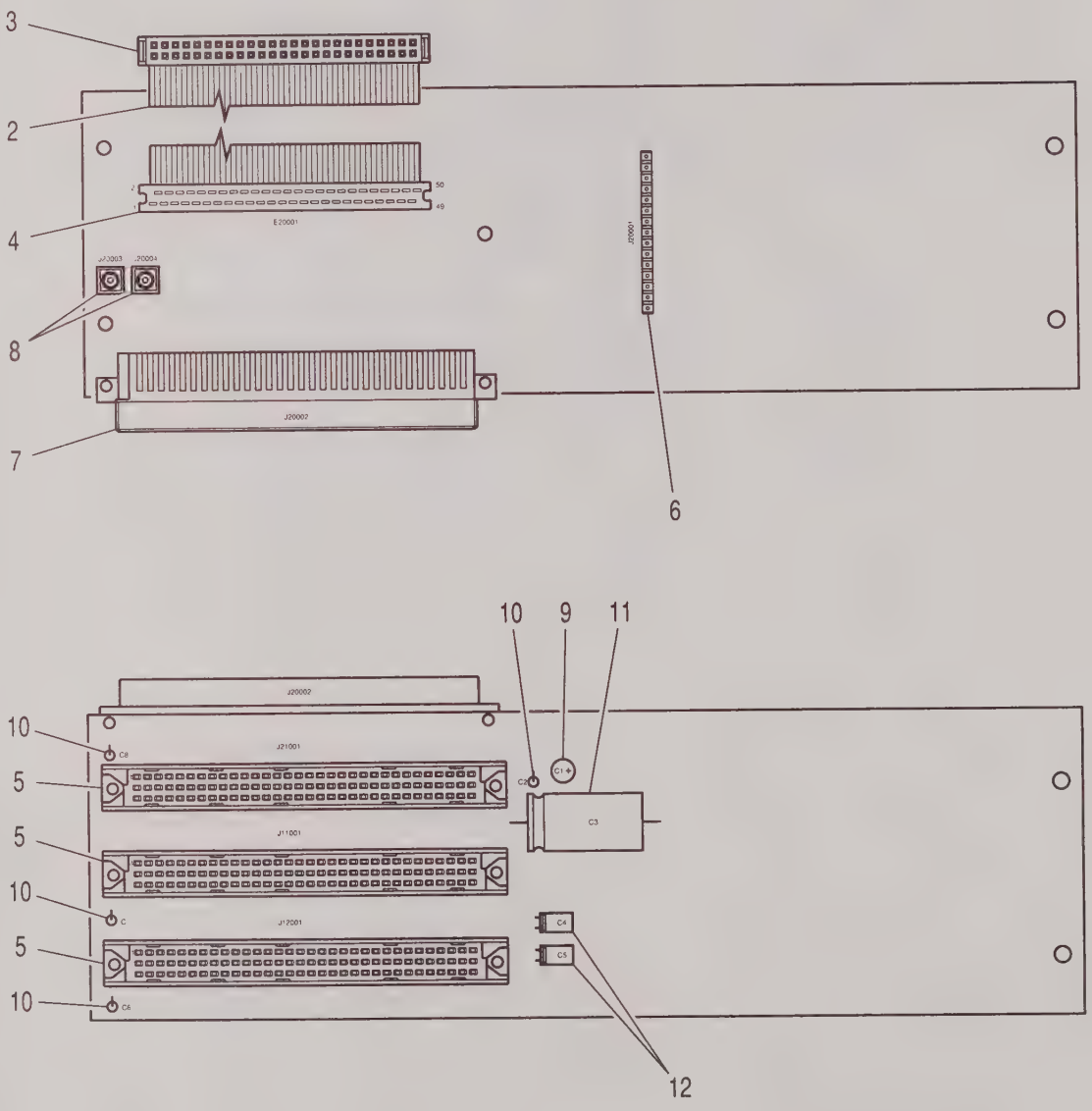
DETAIL **B**



DETAIL **A**

LINE SUPPLY PC BOARD ASSEMBLY
FIGURE 9

FIG-ITEM	NO	AIRLINE PART NO	PART NO	1 2 3 4 5 6 7 DESCRIPTION	EFF	QTY
9 -	1		7010-6730-800	LINE SUPPLY PC BOARD ASSEMBLY SEE FIG 3 FOR NHA		REF
	2		6700134	TRANSFORMER; (V33497), 5604-0000-013, T19001		1
				ATTACHING PARTS		
	3		MS51957-41	SCREW 8-32 X 1/4 PPHM; (V96906), 2805-0250-006		2
	4		MS35333-72	WASHER, LOCK INT TOOTH 8; (V96906), 2840-0000-002		2
				---*---		
	5		MS51957-52	SCREW 8-32 X 1 3/4 PPHM; (V96906), 2805-1750-006		4
	6		2800-7636-501	NUT, SPECIAL 8-32		2
	7		MS35333-72	WASHER, LOCK INT TOOTH 8; (V96906), 2840-0000-002		4
	8		MS35649-284	NUT 8-32; (V96906), 2850-0000-005		2
	9		1400-5155-502	BRACKET, MTG		2
	10		1400-5155-501	BRACKET, MTG		2
	11		22-11-2101	CONNECTOR, WAFER; (V27264), 2115-0000-057, J19001		1
	12		SMR05VB	CONNECTOR, LOCKING; (V8Z573), 2115-9001-005, P10019		1
-	13		SYM001T06	CONTACT, CONN 22 - 26 GA; (V8Z573), 2114-9001-001		4
	14		PK10	RECTIFIER, BRIDGE 100 V, 10 A; (V83701), 4823-0000-001, BR19001		1
	15		TLB1V332MDA	CAPACITOR 3300 µF, 35 V; (V55680), 1580-3322-210, C19001, C19002		2
-	16		3107-5156-605	INSULATOR		1
	17		JAN1N4004	DIODE, RECT; (V81349), 4815-0000-002, CR19001		1
	18		JAN1N4752A	DIODE, ZENER 33 V; (V81349), 4901-4752-100, CR19003		1
	19		JAN2N6488	TRANSISTOR; (V81349), 4811-0000-005, Q19001		1
	20		JAN2N6397	TRANSISTOR; (V81349), 4822-0000-002, Q19002		1
				ATTACHING PARTS		
	21		MS51957-13	SCREW 4-40 X 1/4 PPHM; (V96906), 2803-0250-006		1
	22		MS35649-244	NUT 4-40; (V96906), 2850-0000-008		1
	23		MS35333-70	WASHER, LOCK INT TOOTH 4; (V96906), 2840-0000-003		1
				---*---		
	24		43J25R	RESISTOR 5%, 1/4 W, 250 Ω; (V44655), 4707-0250-002, R19001		1
	25		RLR07C102JR	RESISTOR 5%, 1/4 W, 1 K; (V81349), 4702-0102-003, R19002		1
	26		RLR42C129JR	RESISTOR 5%, 2 W, 1.2 Ω; (V81349), 4705-0129-002, R19003, R19004		2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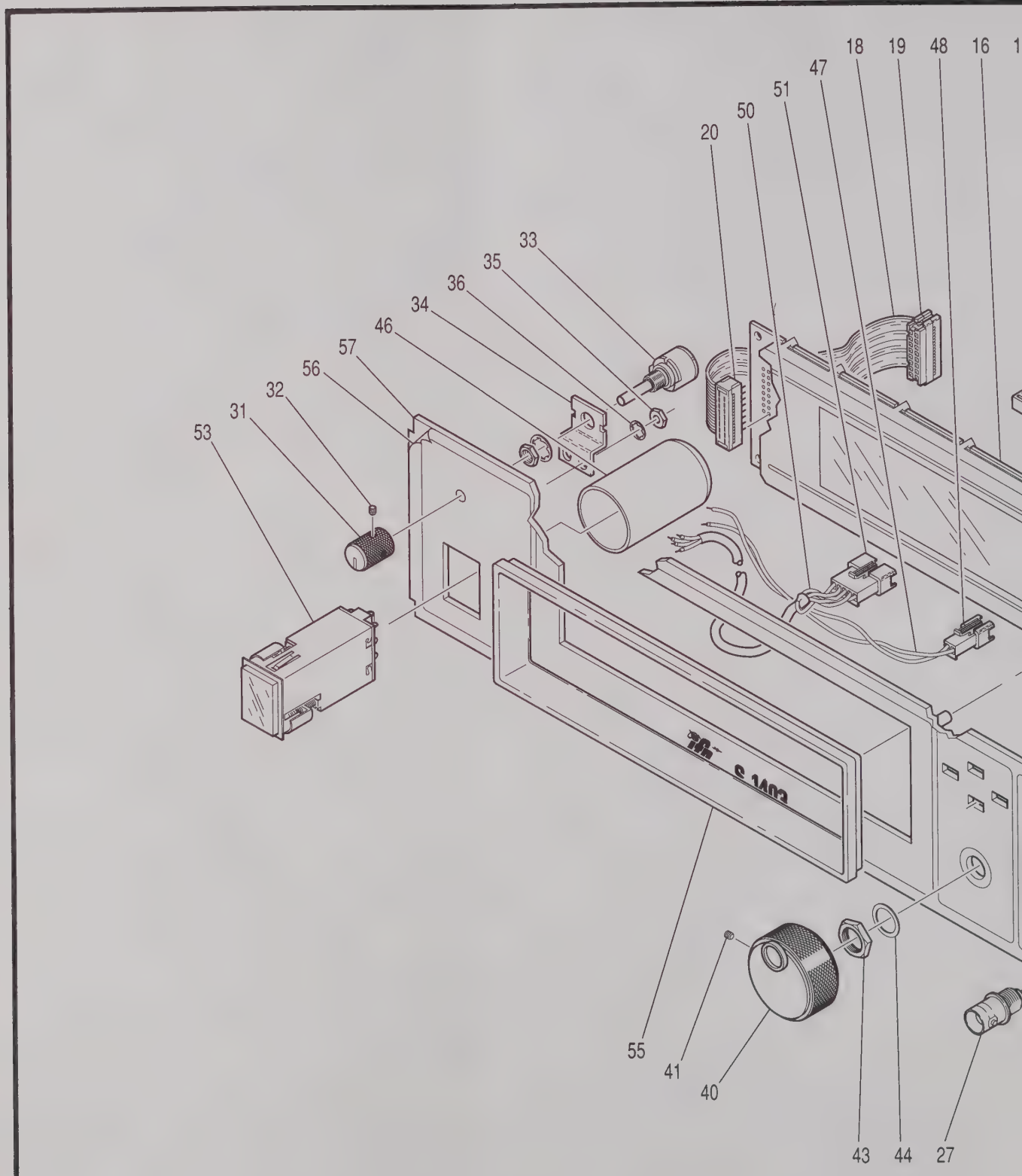
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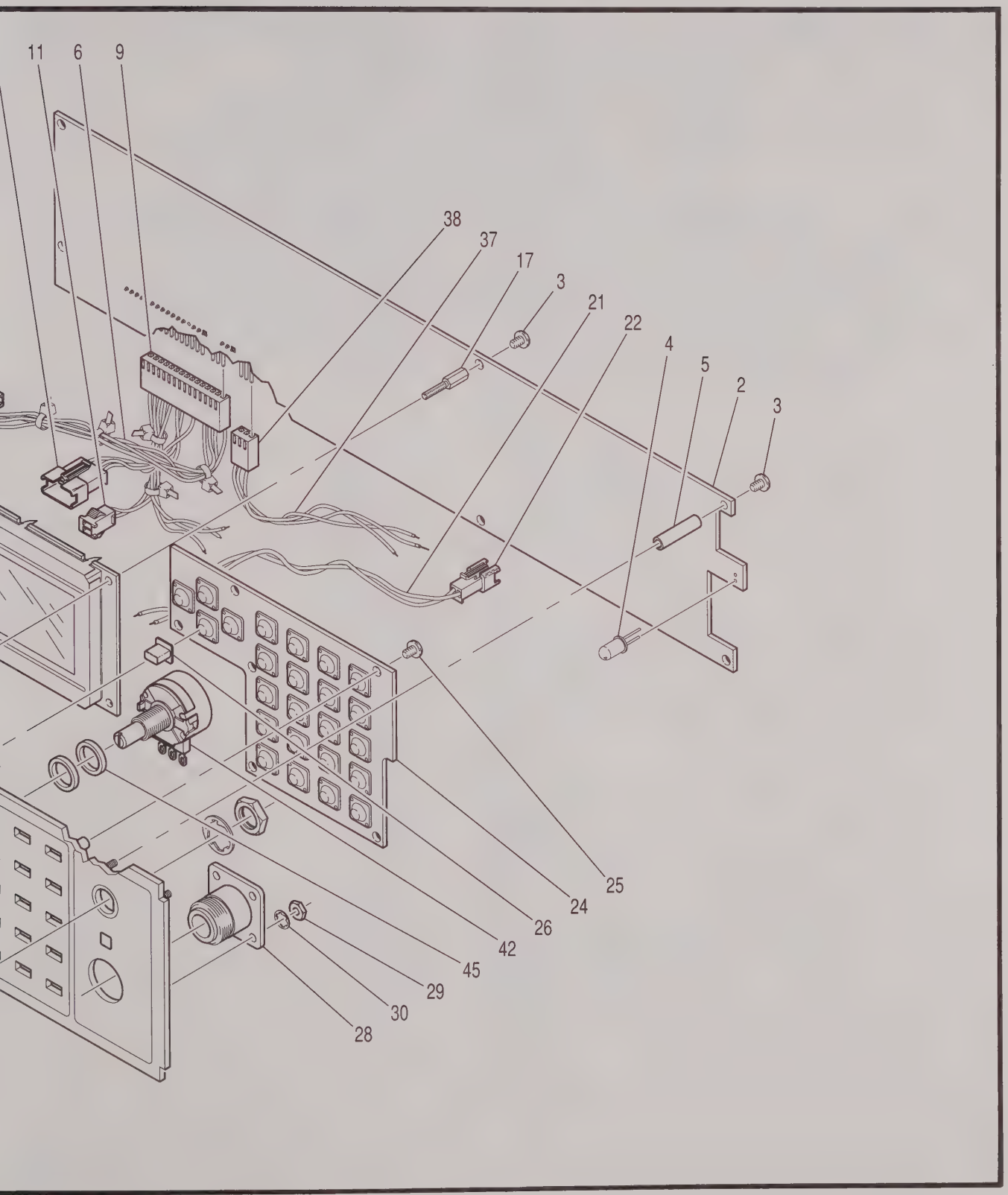

FRONT PANEL ASSEMBLY
FIGURE 11

ILLUSTRATED PARTS LIST

FIG–ITEM NO	AIRLINE PART NO	PART NO	1 2 3 4 5 6 7 DESCRIPTION	EFF	QTY
10 - 1		7010-7130-100	MOTHERBOARD PC BOARD ASSEMBLY SEE FIG 3 FOR NHA		REF
2		6045-6782-200	CABLE ASSY, RIBBON		1
3		609-5030	CONNECTOR, TERMN; (V15912), 2129-0102-050		1
4		1-746610-0	CONNECTOR, TERMN; (V00779), 2129-0103-050		1
5		7396-60C3TH	CONNECTOR, HEADER; (V75037), 2129-1003-196, J11001, J12001, J21001		3
6		1-87527-5	CONNECTOR, WAFER; (V00779), 2129-1087-015, J20001		1
7		531797-1	CONNECTOR, HEADER; (V00779), 2129-1004-196, J20002		1
8		2009-7511-000	CONNECTOR, SMB; (V19505), 2200-2010-400, J20003, J20004		2
9		USA1C470MCA	CAPACITOR 47 µF, 16 V; (V55680), 1580-4700-216, C14001		1
10		C410C104M545CA	CAPACITOR .1 µF, 50 V; (V61637), 1521-0000-008, C14002, C14006, C14007, C14008		4
11		THU2E100TCA	CAPACITOR 10 µF, 250 V; (V55680), 1580-1000-365, C14003		1
12		503D226M050LA	CAPACITOR 22 µF, 35 V; (V56289), 1580-2202-420, C14004, C14005		2

FIG-ITEM	NO	AIRLINE PART NO	PART NO	1 2 3 4 5 6 7 DESCRIPTION	EFF	QTY
11 -	1		7005-6840-200	FRONT PANEL ASSEMBLY SEE FIG 3 FOR NHA		REF
	2		7010-6830-200	FRONT PANEL PROCESSOR PC BOARD ASSY SEE FIG 12		1
				ATTACHING PARTS		
	3		MS51957-13	SCREW 4-40 X 1/4 PPHM; (V96906), 2803-0250-006		6
				---*---		
	4		HLMP3507	LED GRN INC MTG HARDWARE; (V54893), 4950-0201-200, DS15002		1
	5		2800-7600-175	SPACER, THREADED 4-40		2
	6		6046-6880-500	CABLE ASSY, FR PNL INTERCONNECT; P14005		1
	7		SMR05VB	CONNECTOR, LOCKING; (V8Z573), 2115-9001-005, P15003		1
-	8		SYM001T06	CONTACT, CONN 22 - 26 GA; (V8Z573), 2114-9001-001		3
	9		22-01-2151	CONNECTOR, WAFER; (V27264), 2115-0000-014, P14005		1
-	10		08-55-0101	CONTACT, CONN 22 - 30 GA; (V27264), 2114-0000-022		12
	11		SMP02VB	CONNECTOR, LOCKING; (V8Z573), 2115-9002-002, P15004		1
-	12		SHF001T08SS	CONTACT, CONN 22 - 26 GA; (V8Z573), 2114-9002-001		2
	13		22-01-2071	CONNECTOR, WAFER; (V27264), 2115-0001-007, P23001		1
-	14		08-55-0101	CONTACT, CONN 22 - 30 GA; (V27264), 2114-0000-022		4
-	15		15-04-9209	KEY, POLARIZING CONN; (V27264), 2127-9900-100		2
	16		LM44B4C40CSY	DISPLAY, LCD; (V62483), 4600-6800-400, DS15001		1
				ATTACHING PARTS		
	17		2850-6851-700	SCREW, SPECIAL 4-40		4
				---*---		
	18		6045-6880-100	CABLE ASSY, RIBBON LCD DISPLAY		1
	19		3452-6000	CONNECTOR, HEADER; (V75037), 2129-0102-016		1
	20		3916-0000T	CONNECTOR, HEADER; (V75037), 2129-0103-016		1
	21		6046-6880-300	CABLE ASSY, LCD DISPLAY/ENCODER SWITCH; J15004		1
	22		SMR02VB	CONNECTOR, LOCKING; (V8Z573), 2115-9001-002		1
-	23		SYM001T06	CONTACT, CONN 22 - 26 GA; (V8Z573), 2114-9001-001		2
	24		7010-6830-100	KEYBOARD PC BD ASSY SEE FIG 13		1
				ATTACHING PARTS		
	25		MS51957-13	SCREW 4-40 X 1/4 PPHM; (V96906), 2803-0250-006		6
				---*---		
	26		2402-5053-001	BUTTON, PUSH		24
	27		5526-2501-001	CONNECTOR, BULKHEAD BNC/SMA INCL MTG HARDWARE; (V19505), 2200-0410-100, J10001/J10020		1
	28		50-675-6701-89	CONNECTOR, SMA; (V98291), 2200-6950-100, J10002/J10021		1
				ATTACHING PARTS		
	29		NAS671C4	NUT 4-40; (V96906), 2850-0000-020		4
	30		MS35333-70	WASHER, LOCK INT TOOTH 4; (V96906), 2840-0000-003		4
				---*---		
	31		2402-0921-900	KNOB, ROUND		1
				ATTACHING PARTS		
	32		MS51977-9	SCREW 4-40 X 1/8 SHS; (V96906), 2803-0125-001		2
				---*---		
	33		4750-7616-100	RESISTOR, VAR 1 K, INCL MTG HARDWARE; R15001		
	34		1400-5355-800	BRACKET, MTG		1
				ATTACHING PARTS		
	35		NAS671C4	NUT 4-40; (V96906), 2850-0000-020		2
	36		MS35333-70	WASHER, LOCK INT TOOTH 4; (V96906), 2840-0000-003		2
				---*---		
	37		6046-6880-400	CABLE ASSY, FR PNL/ENCODER SW; P14004		1
	38		22-01-2031	CONNECTOR, WAFER; (V27264), 2115-0001-003		1
-	39		08-55-0101	CONTACT, CONN 22 - 30 GA; (V27264), 2114-0000-022		3
	40		2402-5456-500	KNOB ASSY, ROUND		1
				ATTACHING PARTS		
	41		MS51977-9	SCREW 4-40 X 1/8 SHS; (V96906), 2803-0125-001		2
				---*---		

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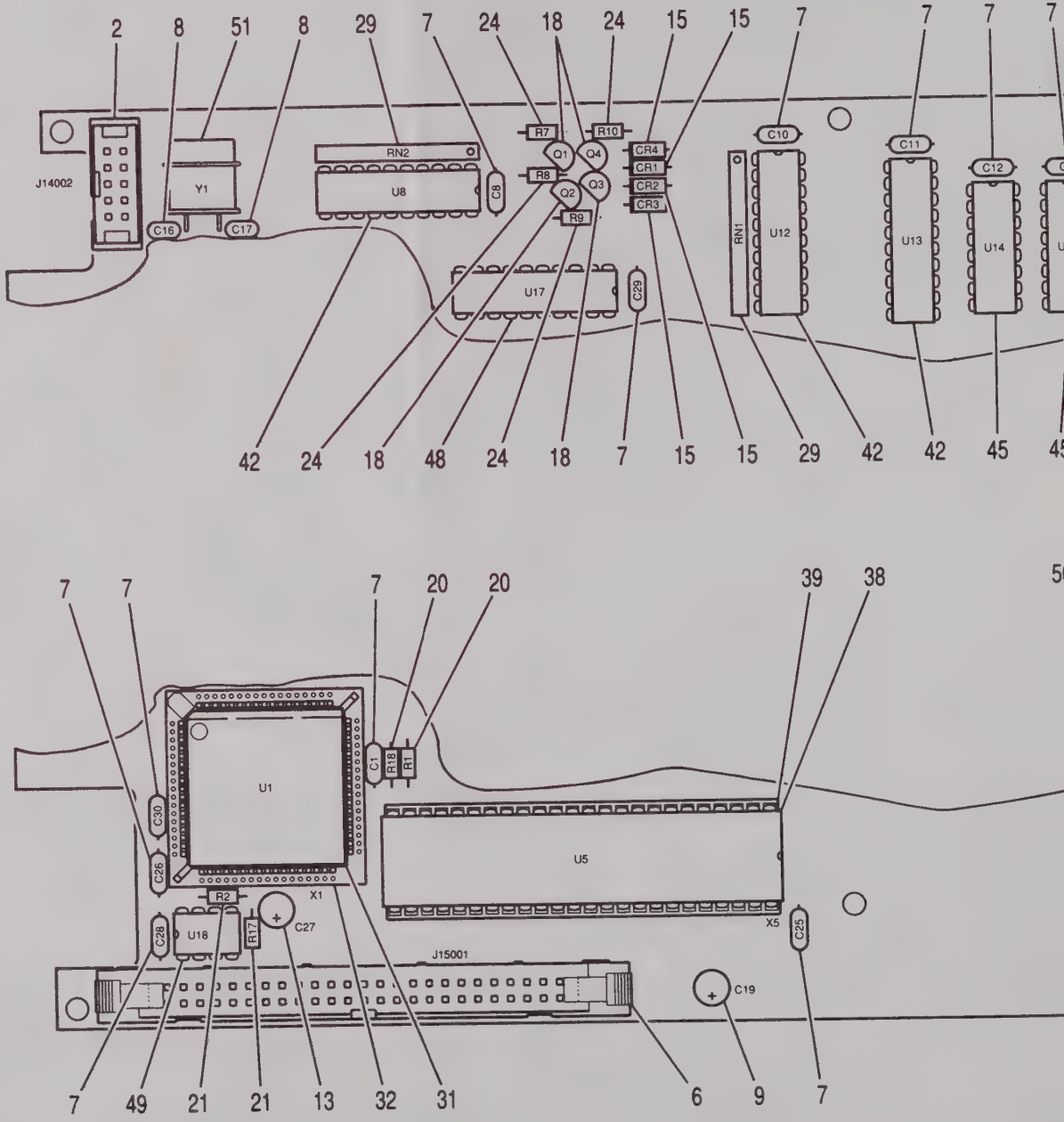
FIG-ITEM	NO	AIRLINE PART NO	PART NO	1 2 3 4 5 6 7 DESCRIPTION	EFF	QTY
11	42		EWTXAAS2025B	ENCODER, ROTARY INC MTG HARDWARE; (V5N371), 4795-0000-002, RE15001		1
				ATTACHING PARTS		
	43		1199	NUT 3/8-32; (V83330), 2850-0000-033		1
	44		323-020	WASHER, FLAT; (V51506), 2840-7600-205		1
	45		2800-7600-114	SPACER		2
				---*---		
	46		937-24RED	COVER, PROTECTIVE; (V15819), 5114-0000-000		1
	47		6046-6880-200	CABLE ASSY, POWER SWITCH LAMP; J15002		1
	48		SMR02VB	CONNECTOR, LOCKING; (V8Z573), 2115-9001-002		1
-	49		SYM001T06	CONTACT, CONN 22 - 26 GA; (V8Z573), 2114-9001-001		2
	50		6046-6880-100	CABLE ASSY, POWER SWITCH; P10018		1
	51		SMR05VB	CONNECTOR, LOCKING; (V8Z573), 2115-9001-005		1
-	52		SYM001T06	CONTACT, CONN 22 - 26 GA; (V8Z573), 2114-9001-001		5
	53		90EA1C4F3J1RN2	SWITCH, PUSHBUTTON; (V96182), 5115-0000-007, S15001		1
-	54		327	BULB; (V63974), 3905-0000-004		2
	55		2406-6850-800	BEZEL		1
	56		2403-6850-100	OVERLAY, FRONT PANEL		1
	57		1405-6850-000	FRONT PANEL ASSY		1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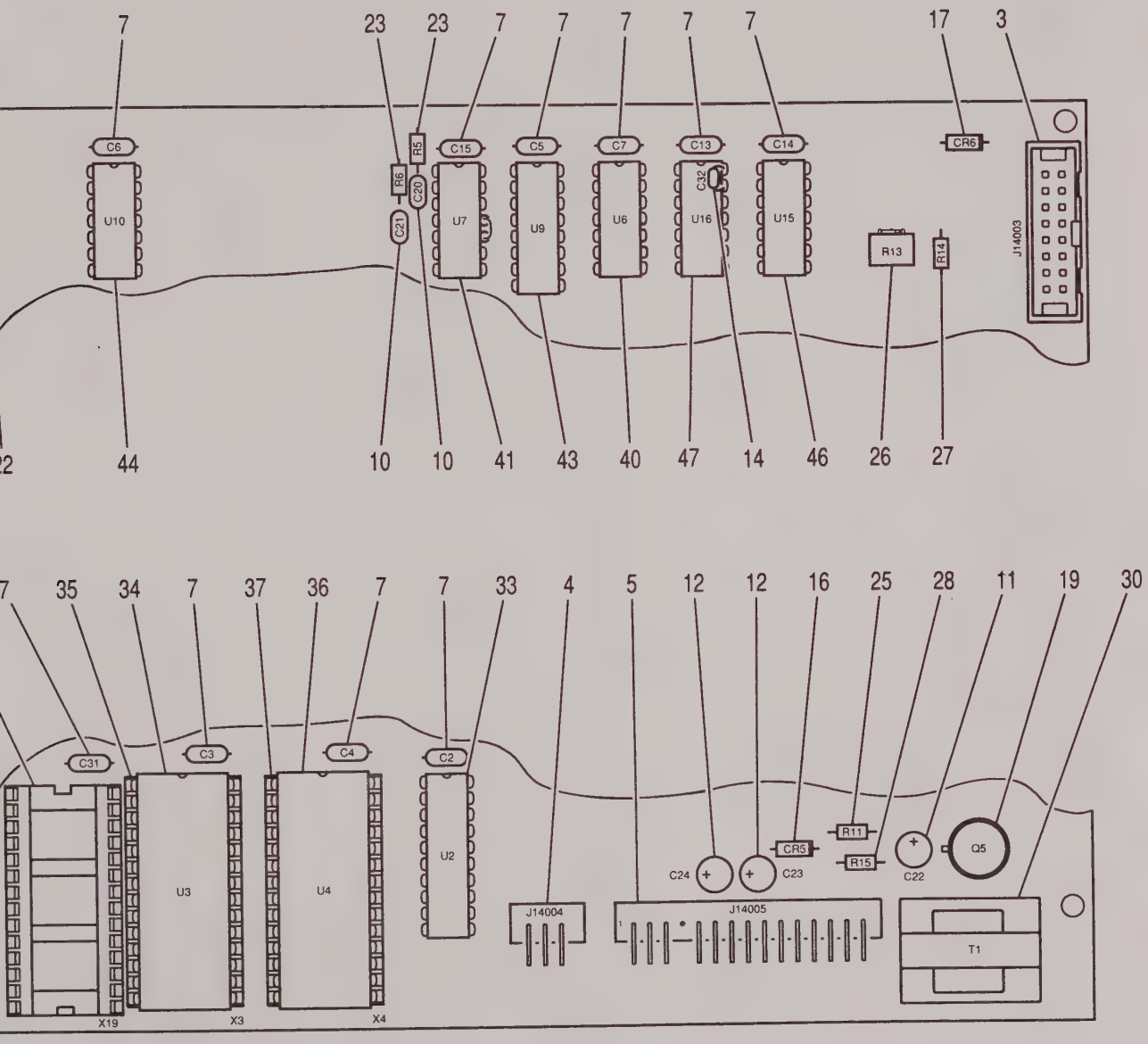
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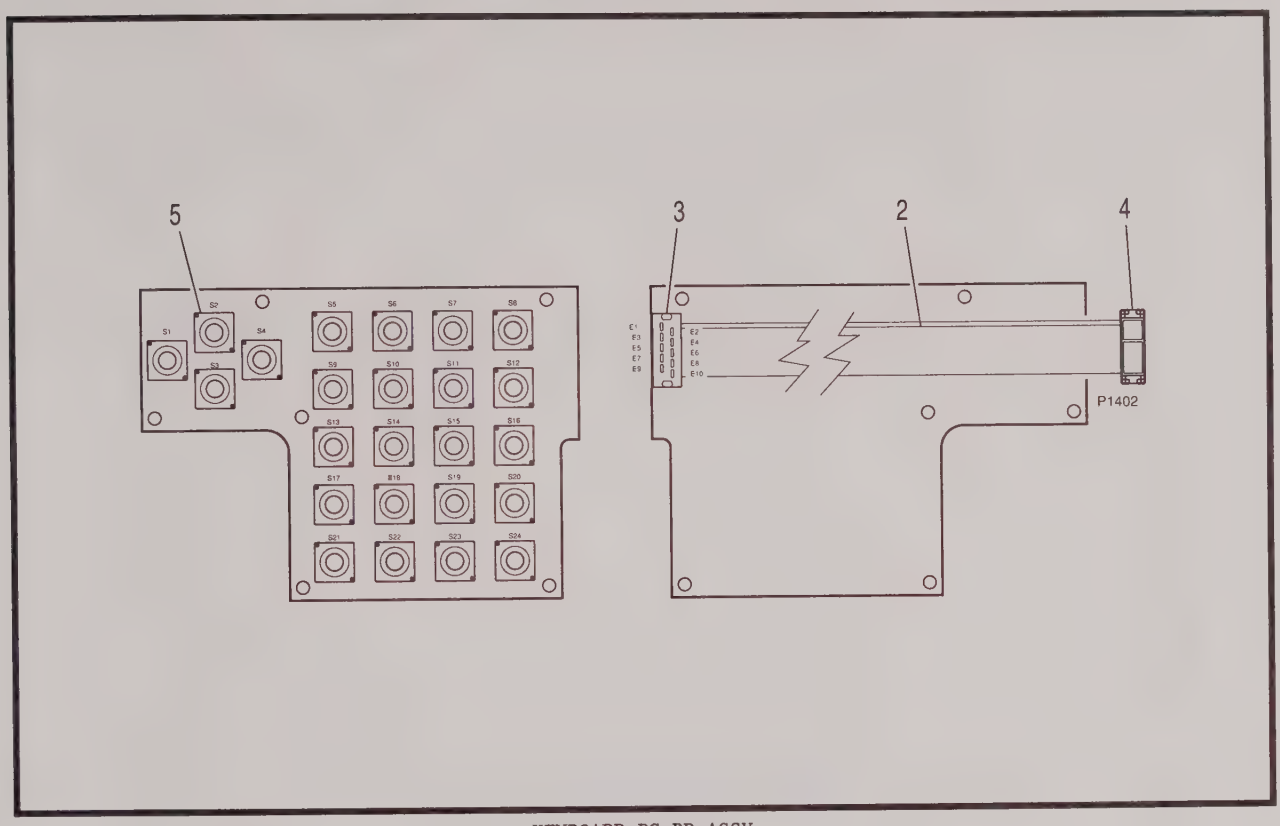
FIG–ITEM NO	AIRLINE PART NO	PART NO	1 2 3 4 5 6 7 DESCRIPTION	EFF	QTY
12 - 1		7010-6830-200	FRONT PANEL PROCESSOR PC BOARD ASSY SEE FIG 11 FOR NHA		REF
2		3591-6002	CONNECTOR, HEADER; (V75037), 2129-1001-010, J14002		1
3		3599-6002	CONNECTOR, HEADER; (V75037), 2129-1001-016, J14003		1
4		22-05-2031	CONNECTOR, WAFER; (V27264), 2115-1002-003, J14004		1
5		22-12-2151	CONNECTOR, WAFER; (V27264), 2115-1002-115, J14005		1
6		3433-2202	CONNECTOR, HEADER; (V75037), 2129-1050-050, J15001		1
7		C410C104M545CA	CAPACITOR .1 µF, 50 V; (V61637), 1521-0000-008, C14001, C14002, C14003, C14004, C14005, C14006, C14007, C14008, C14009, C14010, C14011, C14012, C14013, C14014, C14015, C14025, C14026, C14028, C14029, C14030, C14031		21
8		C320C270J2G5CA	CAPACITOR 27 pF, 200 V; (V61637), 1506-0270-017, C14016, C14017		2
9		ULB1E470MAA	CAPACITOR 47 µF, 25 V; (V55680), 1580-4700-220, C14019		1
10		C052K103K1X5CA	CAPACITOR .01 µF, 100 V; (V61637), 1506-0103-017, C14020, C14021		2
11		USL1A470MCA	CAPACITOR 47 µF, 10 V; (V55680), 1580-4702-105, C14022		1
12		25MS7-10	CAPACITOR 10 µF, 25 V; (VUNK048), 1580-1000-200, C14023, C14024		2
13		UKB1H010MAA	CAPACITOR 1 µF, 50 V; (V55680), 1580-1092-450, C14027		1
14		C320C101J2G5CA	CAPACITOR 100 pF, 200 V; (V61637), 1506-0101-017, C14032		1
15		5082-2800	DIODE, S-BAR; (V54893), 4816-0000-001, CR14001, CR14002, CR14003, CR14004		4
16		JAN1N5234B	DIODE, ZENER 6.2 V; (V81349), 4818-0000-004, CR14005		1
17		JAN1N5231B	DIODE, ZENER 5.1 V; (V81349), 4818-0000-003, CR14006		1
18		JAN2N3903-18	TRANSISTOR; (V81349), 4807-0000-001, Q14001, Q14002, Q14003, Q14004		4
19		JAN2N2405	TRANSISTOR; (V81349), 4801-0000-002, Q14005		1
20		RLR05C391JR	RESISTOR 5%, 1/8 W, 390 Ω; (V81349), 4701-0391-003, R14001, R14018		2
21		RLR05C102JR	RESISTOR 5%, 1/8 W, 1 K; (V81349), 4701-0102-003, R14002, R14017		2
22		RLR05C472JR	RESISTOR 5%, 1/8 W, 4.7 K; (V81349), 4701-0472-003, R14004		1
23		RLR05C223JR	RESISTOR 5%, 1/8 W, 22 K; (V81349), 4701-0223-003, R14005, R14006		2
24		RLR05C123JR	RESISTOR 5%, 1/8 W, 12 K; (V81349), 4701-0123-003, R14007, R14008, R14009, R14010		4
25		RLR07C100JR	RESISTOR 5%, 1/4 W, 10 Ω; (V81349), 4702-0100-003, R14011		1
26		62-2-1-103	RESISTOR, VAR 10 K; (V02111), 4753-0103-002, R14013		1
27		RLR05C331JR	RESISTOR 5%, 1/8 W, 330 Ω; (V81349), 4701-0331-003, R14014		1
28		RLR05C101JR	RESISTOR 5%, 1/8 W, 100 Ω; (V81349), 4701-0101-003, R14015		1
29		4310R101-123	RESISTOR NETWORK 10-P, 12 K; (V57924), 4690-0912-300, RN14001, RN14002		2

CONTINUED ON NEXT PAGE

ILLUSTRATED PARTS LIST

FIG-ITEM	NO	AIRLINE PART NO	PART NO	1 2 3 4 5 6 7	DESCRIPTION	EFF	QTY
12	30		4600-6800-401		TRANSFORMER; T14001		1
	31		80188-10		IC, 8-BIT MICROPROCESSOR; (V34649), 3135-0000-068, U14001		1
	32		821574-1		SOCKET, CHIP CARRIER; (V00779), 3101-0000-031, X14001		1
	33		DM74LS373N		IC, OCTAL D-TYPE LATCH; (V27014), 3211-3373-000, U14002		1
	34		AM27512-25DC	*	IC, 8-BIT EPROM NON-PROGRAMMED; (V34335), 3271-0006-000, U14003		1
	35		ICB286S8TG		SOCKET, DIP; (V06776), 3101-0000-029, X14003		1
	36		MB84256-15		IC, STATIC RAM; (V61271), 3260-0100-700, U14004		1
	37		ICB286S8TG		SOCKET, DIP; (V06776), 3101-0000-029, X14004		1
	38		AM2130-12PC		IC, DUAL RAM; (V34335), 3271-0005-000, U14005		1
	39		ICN486S5G		SOCKET, DIP; (V06776), 3101-0500-920, X14005		1
	40		SN74LS02N		IC, QUAD 2-INP NOR; (V01295), 3131-0000-032, U14006		1
	41		MM74HC14		IC, HEX SCHMITT TRIG INV; (V27014), 3214-9014-000, U14007		1
	42		MD74HCT244		IC, OCTAL BFR/DRVR/RCVR; (V52648), 3214-8244-000, U14008, U14012, U14013		3
	43		SN74LS138N		IC, DCDR/MPLXR; (V01295), 3131-0000-045, U14009		1
	44		SN74LS00N		IC, QUAD 2-INP NAND; (V01295), 3131-0000-044, U14010		1
	45		SN74LS191N		IC, U/D CNTR; (V01295), 3131-0000-030, U14011, U14014		2
	46		SN74LS74AN		IC, DUAL D FLIP-FLOP; (V01295), 3131-0000-038, U14015		1
	47		SN74LS86N		IC, QUAD 2-INP EXCL OR; (V01295), 3211-3086-000, U14016		1
	48		SN74LS374N		IC, OCTAL D FLIP-FLOP; (V01295), 3211-3374-000, U14017		1
	49		AMPAL22V10PC		IC, REGULATOR; (V34335), 3135-0000-069, U14018		1
	50		ICB286S8TG		SOCKET, DIP; (V06776), 3101-0000-029, X14019		1
	51		2363-0097-000		CRYSTAL 11.059000 MHz; Y14001		1

NOTE: * CONSULT IFR SYSTEMS CUSTOMER SERVICE FOR APPLICABLE PROGRAMMING.



KEYBOARD PC BD ASSY
FIGURE 13

FIG–ITEM NO	AIRLINE PART NO	PART NO	1 2 3 4 5 6 7 DESCRIPTION	EFF QTY
13 - 1		7010-6830-100	KEYBOARD PC BD ASSY SEE FIG 11 FOR NHA	REF
2		6045-6880-000	CABLE ASSY, RIBBON KEYBOARD/FR PNL PC BD	1
3		746610-1	CONNECTOR, TERMN; (V00779), 2129-0000-004	1
4		3473-7000	CONNECTOR, HEADER; (V75037), 2129-0101-010	1
5		BMG	SWITCH, MEMBRANE; (VUNK022), 5136-0001-000, S22001, S22002, S22003, S22004, S22005, S22006, S22007, S22008, S22009, S22010, S22011, S22012, S22013, S22014, S22015, S22016, S22017, S22018, S22019, S22020, S22021, S22022, S22023, S22024	24

4-3 NUMERICAL INDEX

ILLUSTRATED PARTS LIST

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG–ITEM	TOTAL REQD
005BRASSSHIM		1 -196	A/R
032269FL12A306		3 63	1
053MCH175A160A		3 38	1
08-55-0101		7 - 9	4
08-55-0101		7 - 12	9
08-55-0101		7 - 15	4
08-55-0101		11 - 10	12
08-55-0101		11 - 14	4
08-55-0101		11 - 40	3
1-746610-0		10 4	1
1-87527-5		10 6	1
10-3702		1 - 5	A/R
10-8665		1 - 17	A/R
1000-1000-900		2 2	1
1002-6801-000		2 - 6	1
1002-6801-200		2 - 4	1
1003-0001-000		2 3	1
1003-0001-000		2 5	1
1025-08		4 33	2
1025-36		4 32	3
1050-0000-226		1 - 21	A/R
10TFETWNAT		1 -137	A/R
116ID4060D037TK		6 20	1
1199		11 43	1
11DQ03		5 31	2
120-5		1 - 3	A/R
12292TAKPAK		1 - 23	A/R
1250-003		6 19	7
12GABC		1 - 33	A/R
12TFETWNAT		1 -136	A/R
1300		1 - 4	A/R
1400-5155-501		9 10	2
1400-5155-502		9 9	2
1400-5157-000		3 35	2
1400-5355-800		11 34	1
1400-6752-300		2 - 15	1
1400-6752-400		2 - 16	2
1400-6752-600		2 - 17	1
1402-6750-900		3 17	1
1402-6750-900		3 21	1
1405-6850-000		11 57	1
1414-6150-300		6 9	1
1414-6750-200		3 4	1
1414-6750-700		5 2	1
1414-6751-700		3 14	1
1414-6751-900		3 23	1
1414-6752-000		3 19	1
1414-6752-100		3 20	1
1414-6752-100		3 - 24	1
1414-6851-100		4 2	1
1415-6150-200		6 23	1
1488-4		3 47	1
15-04-9209		7 - 10	1
15-04-9209		7 - 13	1
15-04-9209		7 - 16	1
15-04-9209		11 - 15	2
15-12437		1 -179	A/R
160-2N		3 44	1
16TFETWNAT		1 -135	A/R
171-25		1 -175	A/R
1800-5061-400		8 24	1
1800-5354-900		8 23	4
1804-0000-009		4 34	1
18TFETWNAT		1 -134	A/R
20-21110		1 -164	A/R
2009-7511-000		10 8	2
2019-7511-000		4 15	3
205858-2		4 11	1
205858-2		5 10	1
205866-2		5 14	1
205980-1		2 - 11	2
20809-294		4 3	2
20809-294		5 3	2
20TFETWNAT		1 -133	A/R
2100-6751-600		4 8	3
2100-6751-600		5 8	3
2105-7521-003		2 - 13	2
22-01-2031		11 38	1
22-01-2051		7 6	1
22-01-2071		11 13	1
22-01-2101		7 8	1
22-01-2151		7 11	1
22-01-2151		11 9	1
22-03-2031		5 34	1
22-05-2031		12 4	1
22-11-2101		9 11	1
22-12-2151		12 5	1
222-21		1 - 6	A/R
22TFETWNAT		1 -132	A/R
23071-5		3 73	4
2363-0097-000		12 51	1
2400-6851-000		4 7	1
2400-6851-800		5 7	1
2400-8002-000		3 16	1
2402-0921-900		11 31	1
2402-5053-001		11 26	24
2402-5456-500		11 39	1
2403-6751-400		3 57	1
2403-6850-100		11 56	1
2406-6850-800		11 55	1
2410-6751-300		3 6	1
2410-6751-300		3 70	1
24TFETWNAT		1 -131	A/R
25MS7-10		12 12	2
260-0001-020		8 - 19	6
2601-6751-800		3 72	1
26TFETWNAT		1 -130	A/R
27		1 - 26	A/R
2764		4 66	1
2800-5154-700		6 11	4
2800-7600-114		11 45	2
2800-7600-175		11 5	2
2800-7636-501		9 6	2
2803-0250-003		3 5	6
2803-0250-003		3 7	2
2803-0250-003		3 15	2
2803-0250-003		3 71	6
2803-0313-003		6 22	2
2803-1188-006		3 64	4
2831		1 -189	A/R

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG–ITEM	TOTAL REQD
2850-6851-700		11 17	4
2850-7601-301		4 5	2
2850-7601-301		5 5	4
290-21		1 - 24	A/R
298		1 - 11	A/R
299		1 - 12	A/R
299-1		1 - 13	A/R
299-3		1 - 29	A/R
30TE130BLK		1 -103	A/R
30TE130BLU		1 -109	A/R
30TE130BRN		1 -104	A/R
30TE130GRN		1 -108	A/R
30TE130GRY		1 -111	A/R
30TE130ORN		1 -106	A/R
30TE130RED		1 -105	A/R
30TE130VIO		1 -110	A/R
30TE130WHT		1 -112	A/R
30TE130YEL		1 -107	A/R
3107-5156-605		9 - 16	1
323-020		11 44	1
327		11 - 54	2
3302-34		1 -169	A/R
3304-60		1 -173	A/R
3339W1-103		7 23	1
3391-8		1 -177	A/R
3433-2202		12 6	1
3452-6000		11 19	1
3473-7000		13 4	1
34HPNBF		1 - 43	A/R
350FASTDRYING		1 - 7	A/R
3581-37		1 -170	A/R
3581-40		1 -171	A/R
3583-16		1 -192	A/R
3583-20		1 -165	A/R
3583-24		1 -166	A/R
3583-25		1 -167	A/R
3583-50		1 -172	A/R
3591-6002		12 2	1
3599-6002		12 3	1
375ID100LGTW		3 56	2
3811-10		1 -176	A/R
3811-20		1 -174	A/R
3916-0000T		11 20	1
3EF1		3 41	1
410		1 - 15	A/R
425-12		1 - 25	A/R
431		1 - 20	A/R
4310R101-123		5 49	4
4310R101-123		12 29	2
43J25R		9 24	1
4432		1 - 19	A/R
4516		1 - 22	A/R
4600-6800-401		12 30	1
46256LFR		3 48	1
465-51		1 - 18	A/R
4750-7616-100		11 33	1
4795-0000-002		11 42	1
50-675-6701-89		11 28	1
503D226M050LA		10 12	2
5082-2800		8 15	1
5082-2800		12 15	4
5100-10		1 -188	A/R
531797-1		10 7	1
533205-1		4 16	1
533205-1		5 18	1
5400-6150-100		6 21	1
5400-6751-500		3 36	1
55-2628-11		1 -168	A/R
5526-2501-001		11 27	1
5604-5355-101		8 57	1
5859		1 - 55	A/R
6042-6880-200		3 - 13	1
6045-6781-800		2 - 9	2
6045-6782-200		10 2	1
6045-6880-000		13 2	1
6045-6880-100		11 18	1
6046-6880-100		11 50	1
6046-6880-200		11 47	1
6046-6880-300		11 21	1
6046-6880-400		11 37	1
6046-6880-500		11 6	1
6050-0042-020		2 - 12	1
6050-0361-550		3 10	1
6050-0361-700		3 - 11	1
6050-0560-550		3 - 12	1
609-5030		10 3	1
62-1-1-103		8 54	1
62-1-1-202		8 46	1
62-2-1-102		4 52	1
62-2-1-103		4 49	1
62-2-1-103		5 40	5
62-2-1-103		12 26	1
62-2-1-203		4 51	1
62-332B7		1 - 28	A/R
63-113		5 70	1
63-117		4 80	1
6500-6880-600		3 75	1
6632		1 -183	A/R
66382		4 36	1
6700134		9 2	1
7005-6743-000		2 - 14	1
7005-6840-100		6 - 1	1
7005-6840-200		11 - 1	1
7005-6840-500		3 8	1
7010-6730-700		8 - 1	1
7010-6730-800		9 - 1	1
7010-6830-000		7 - 1	1
7010-6830-100		11 24	1
7010-6830-100		13 - 1	1
7010-6830-200		11 2	1
7010-6830-200		12 - 1	1
7010-6830-300		4 - 1	1
7010-6831-000		5 - 1	1
7010-7130-100		10 - 1	1
7396-60C3TH		10 5	3
746610-1		13 3	1
74HCT245		5 58	3
7621WHT		1 -187	A/R
7632A		1 -184	A/R
7633		1 -185	A/R

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TOTAL REQD
7721-7PPS		3 32	1
7721-7PPS		6 5	1
7721-7PPS		6 16	4
80-1245		2 - 8	1
8013		1 - 8	A/R
80188-10		5 50	1
80188-10		12 31	1
8019		1 - 9	A/R
8020		1 - 10	A/R
8024		1 - 14	A/R
8045		1 - 38	A/R
8048		1 - 39	A/R
8049		1 - 34	A/R
8050		1 - 40	A/R
8051		1 - 35	A/R
8051		1 - 41	A/R
8053		1 - 32	A/R
8053		1 - 42	A/R
8054		1 - 36	A/R
8055		1 - 31	A/R
8056		1 - 37	A/R
80SQ045		8 21	1
8132-12		1 -178	A/R
821574-1		4 65	4
821574-1		5 51	1
821574-1		12 32	1
8225-6010		2 - 10	2
8256AH		5 57	1
8411		1 -190	A/R
8578		7 17	1
85931-6		4 60	6
8660		1 -163	A/R
87227-8		5 32	1
8777		1 -186	A/R
90EA1C4F3J1RN2		11 53	1
937-24RED		11 46	1
AGC1		3 55	1
AGC3FUSE		3 54	1
AM2064-70JC068		4 64	4
AM2130-12PC		12 38	1
AM27512-25DC		5 52	1
AM27512-25DC		5 61	1
AM27512-25DC		12 34	1
AMPAL22V10PC		5 69	1
AMPAL22V10PC		12 49	1
BMG		13 5	24
BR2325P2B		5 22	1
C052K103K1X5CA		8 7	1
C052K103K1X5CA		12 10	2
C320C101J2G5CA		4 29	1
C320C101J2G5CA		12 14	1
C320C102J2G5CA		4 23	4
C320C121J2G5CA		4 30	1
C320C151J2G5CA		4 27	1
C320C152J2G5CA		8 12	1
C320C182J2G5CA		8 9	1
C320C221J2G5CA		8 11	1
C320C270J2G5CA		5 26	2
C320C270J2G5CA		12 8	2
C320C272J2G5CA		8 3	1
C320C331J2G5CA		4 24	1
C320C470J2G5CA		4 26	1
C320C560J2G5CA		4 25	1
C320C680J2G5CA		8 6	2
C340C223J2G5CA		8 13	1
C410C104M545CA		4 20	37
C410C104M545CA		5 24	23
C410C104M545CA		7 19	1
C410C104M545CA		10 10	4
C410C104M545CA		12 7	21
CA3130E		8 58	5
CAC04Z5U224Z050A		5 23	1
CAC04Z5U224Z050A		7 18	1
CD4047BE		8 59	1
CLE47MF35V		5 25	4
DDU6-50		4 69	3
DF103B		3 33	1
DF103B		6 7	1
DF103B		6 17	4
DM74LS373N		5 56	2
DM74LS373N		12 33	1
DS3486N		4 61	1
FIT221-116BLK		1 -117	A/R
FIT221-12CLR		1 -126	A/R
FIT221-14BLK		1 -123	A/R
FIT221-18BLK		1 -120	A/R
FIT221-18CLR		1 -119	A/R
FIT221-3		1 -129	A/R
FIT221-316BLK		1 -122	A/R
FIT221-316CLR		1 -121	A/R
FIT221-332BLK		1 -118	A/R
FIT221-38BLK		1 -124	A/R
FSN21A180		1 -115	A/R
FSN22A180		1 -116	A/R
GUDELACE18NATURAL		1 - 16	A/R
HLMP3507		11 4	1
HTA		3 53	2
ICB286S8TG		5 53	1
ICB286S8TG		5 55	1
ICB286S8TG		5 62	1
ICB286S8TG		12 35	1
ICB286S8TG		12 37	1
ICB286S8TG		12 50	1
ICN286S4G		4 67	1
ICN486S5G		12 39	1
IR80SQ030		8 22	1
IRF541		8 28	1
IRF9521		8 29	2
JAN1N4004		9 17	1
JAN1N4148		4 31	28
JAN1N4148		8 14	6
JAN1N4752A		9 18	1
JAN1N5231B		12 17	1
JAN1N5234B		12 16	1
JAN1N5240B		8 16	1
JAN2N2222		8 26	3
JAN2N2405		12 19	1
JAN2N2905		8 25	1
JAN2N2907A		8 27	2
JAN2N3903-18		4 37	1

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG–ITEM	TOTAL REQD
JAN2N3903-18		8 30	1
JAN2N3903-18		12 18	4
JAN2N3905-18		5 36	3
JAN2N6397		9 20	1
JAN2N6488		9 19	1
LF412CN		4 78	1
LM329CZ		8 17	1
LM335H		5 29	1
LM336BZ25V		5 30	1
LM44B4C40CSY		11 16	1
M430-3		1 - 30	A/R
M54		1 - 27	A/R
MAX232EPE		5 59	1
MB84256-15		5 54	1
MB84256-15		12 36	1
MC145040		5 64	1
MD74HCT244		12 42	3
MK4501N15		4 70	1
MM74HC14		12 41	1
MPC1333-50-5		8 5	1
MR852		8 18	3
MS16995-9		4 4	2
MS16995-9		5 4	2
MS35333-69		4 19	2
MS35333-69		5 21	2
MS35333-70		3 29	1
MS35333-70		3 43	2
MS35333-70		3 46	2
MS35333-70		3 50	2
MS35333-70		3 69	4
MS35333-70		4 14	2
MS35333-70		5 13	2
MS35333-70		5 - 17	2
MS35333-70		9 23	1
MS35333-70		11 30	4
MS35333-70		11 36	2
MS35333-71		3 40	1
MS35333-72		9 4	2
MS35333-72		9 7	4
MS35338-135		6 18	4
MS35649-244		3 68	4
MS35649-244		9 22	1
MS35649-284		9 8	2
MS51795-803		3 31	1
MS51795-803		6 4	1
MS51795-803		6 15	4
MS51957-12		6 3	1
MS51957-125		3 9	2
MS51957-13		3 30	1
MS51957-13		4 6	1
MS51957-13		4 9	2
MS51957-13		5 6	1
MS51957-13		5 9	2
MS51957-13		9 21	1
MS51957-13		11 3	6
MS51957-13		11 25	6
MS51957-14		4 12	2
MS51957-14		5 11	2
MS51957-14		5 - 15	2
MS51957-14		6 8	6
MS51957-14		6 10	4
MS51957-14		6 13	4
MS51957-16		3 28	1
MS51957-16		3 62	3
MS51957-17		3 61	2
MS51957-26		3 37	2
MS51957-27		3 26	2
MS51957-27		3 34	4
MS51957-41		2 - 18	12
MS51957-41		9 3	2
MS51957-43		2 - 19	2
MS51957-52		9 5	4
MS51957-6		4 17	2
MS51957-6		5 19	2
MS51959-30		3 18	4
MS51959-30		3 22	4
MS51977-9		11 32	2
MS51977-9		11 41	2
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N74F374N		4 77	1
N74F85N		4 73	1
NAS671C2		4 18	2
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NAS671C4		3 49	2
NAS671C4		4 13	2
NAS671C4		5 12	2
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NAS671C4		11 29	4
NAS671C4		11 35	2
NAS671C6		3 39	1
NE5020N		4 79	1
PIF130-12BLK		1 -155	A/R
PIF130-1BLK		1 -157	A/R
PIF130-2BLK		1 -152	A/R
PIF130-38BLK		1 -153	A/R
PIF130-716BLK		1 -154	A/R
PIF130-78BLK		1 -156	A/R
PK10		9 14	1
PVC105-10BLK		1 -144	A/R
PVC105-10CLR		1 -143	A/R
PVC105-12BLK		1 -142	A/R
PVC105-12CLR		1 -141	A/R
PVC105-13CLR		1 -140	A/R
PVC105-16CLR		1 -139	A/R
PVC105-175FLATBLK		1 -162	A/R
PVC105-20CLR		1 -138	A/R
PVC105-38CLR		1 -151	A/R
PVC105-516CLR		1 -149	A/R
PVC105-5CLR		1 -146	A/R
PVC105-6CLR		1 -145	A/R
PVC80-4NAT		1 -148	A/R
PVC80-516CLR		1 -150	A/R
PVC80-5NAT		1 -147	A/R
RG142BU		1 -181	A/R
RG178BU		1 -193	A/R

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RG223U		1 -182	A/R
RG316U		1 -194	A/R
RG58AU		1 -180	A/R
RG58AU		1 -191	A/R
RLR05C101JR		8 49	1
RLR05C101JR		12 28	1
RLR05C102JR		4 38	4
RLR05C102JR		8 34	3
RLR05C102JR		12 21	2
RLR05C103JR		4 41	8
RLR05C103JR		8 36	2
RLR05C104JR		8 33	1
RLR05C123JR		12 24	4
RLR05C153JR		8 38	4
RLR05C220JR		4 44	1
RLR05C221JR		4 43	1
RLR05C221JR		8 47	1
RLR05C222JR		4 53	1
RLR05C223JR		8 35	4
RLR05C223JR		12 23	2
RLR05C330JR		4 45	1
RLR05C331JR		12 27	1
RLR05C332JR		8 43	2
RLR05C333JR		8 37	2
RLR05C391JR		12 20	2
RLR05C393JR		4 47	1
RLR05C470JR		4 54	1
RLR05C470JR		8 48	1
RLR05C471JR		4 42	2
RLR05C471JR		8 42	1
RLR05C472JR		4 50	1
RLR05C472JR		8 32	1
RLR05C472JR		12 22	1
RLR05C473JR		4 57	1
RLR05C562JR		8 55	1
RLR05C563JR		8 56	1
RLR05C680JR		4 48	1
RLR05C682JR		4 46	1
RLR05C820JR		4 58	1
RLR05C822JR		8 39	1
RLR05C823JR		4 56	1
RLR05C823JR		8 40	2
RLR07C1001FR		8 52	1
RLR07C100JR		12 25	1
RLR07C102JR		5 42	4
RLR07C102JR		7 22	1
RLR07C102JR		9 25	1
RLR07C123JR		5 39	1
RLR07C2490FR		4 40	1
RLR07C270JR		8 31	4
RLR07C271JR		5 43	1
RLR07C331JR		5 47	1
RLR07C332JR		5 48	2
RLR07C390JR		4 59	6
RLR07C391JR		5 41	1
RLR07C472JR		5 38	2
RLR07C4751FR		8 53	1
RLR07C4991FR		8 50	1
RLR07C5761FR		8 45	1
RLR07C7500FR		4 39	1
RLR07C7680FR		5 44	1
RLR07C8060FR		5 45	1
RLR07C821JR		5 46	1
RLR07C8451FR		8 44	1
RLR07C9091FR		8 51	1
RLR20C331JR		7 21	1
RLR20C471JR		4 55	1
RLR20C821JR		8 41	1
RLR42C129JR		9 26	2
RNF100-34M63		1 -128	A/R
RNF100-38M63		1 -125	A/R
RNF100TYPE2CLR		1 -127	A/R
RTV128		1 - 2	A/R
SHC1002-001010BOT		5 33	1
SHC1002-001010BOT		5 35	1
SHF001T08SS		3 - 52	4
SHF001T08SS		3 - 59	5
SHF001T08SS		7 - 3	2
SHF001T08SS		7 - 5	2
SHF001T08SS		7 - 7	3
SHF001T08SS		11 - 12	2
SIF200-12		1 -158	A/R
SMP02VB		7 2	1
SMP02VB		7 4	1
SMP02VB		11 11	1
SMP05VB		3 51	2
SMP05VB		3 58	2
SMP05VB		7 14	1
SMR02VB		3 65	1
SMR02VB		11 22	1
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SMR05VB		11 7	1
SMR05VB		11 51	1
SN74LS00N		12 44	1
SN74LS02N		5 67	1
SN74LS02N		12 40	1
SN74LS04N		5 66	1
SN74LS125N		5 65	2
SN74LS138N		4 72	2
SN74LS138N		5 60	1
SN74LS138N		12 43	1
SN74LS153N		4 63	1
SN74LS157N		4 68	3
SN74LS191N		12 45	2
SN74LS244N		4 71	2
SN74LS244N		5 68	3
SN74LS374N		4 62	1
SN74LS374N		12 48	1
SN74LS74AN		5 63	1
SN74LS74AN		12 46	1
SN74LS86N		12 47	1
SRF3114		4 35	1
SYM001T06		3 - 66	2
SYM001T06		9 - 13	4
SYM001T06		11 - 8	3
SYM001T06		11 - 23	2
SYM001T06		11 - 49	2
SYM001T06		11 - 52	5
T18I		1 -114	A/R

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T18R		1 -113	A/R
T322B105M035AS		5 28	1
T350H336M016AS		4 22	2
TFE18GA7SBLK		1 - 44	A/R
TFE18GA7SBLU		1 - 50	A/R
TFE18GA7SBRN		1 - 45	A/R
TFE18GA7SGRN		1 - 49	A/R
TFE18GA7SORN		1 - 47	A/R
TFE18GA7SRED		1 - 46	A/R
TFE18GA7SVIO		1 - 51	A/R
TFE18GA7SWHTBLK		1 - 52	A/R
TFE18GA7SWHTGRN		1 - 54	A/R
TFE18GA7SWHTRED		1 - 53	A/R
TFE18GA7SYEL		1 - 48	A/R
TFE20GA7SBLK		1 - 56	A/R
TFE20GA7SBLU		1 - 61	A/R
TFE20GA7SGRN		1 - 60	A/R
TFE20GA7SGRY		1 - 63	A/R
TFE20GA7SORN		1 - 58	A/R
TFE20GA7SRED		1 - 57	A/R
TFE20GA7SVIO		1 - 62	A/R
TFE20GA7SWHT		1 - 64	A/R
TFE20GA7SYEL		1 - 59	A/R
TFE22GA7SBLK		1 - 65	A/R
TFE22GA7SBLU		1 - 71	A/R
TFE22GA7SBRN		1 - 66	A/R
TFE22GA7SGRN		1 - 70	A/R
TFE22GA7SGRY		1 - 73	A/R
TFE22GA7SORN		1 - 68	A/R
TFE22GA7SRED		1 - 67	A/R
TFE22GA7SVIO		1 - 72	A/R
TFE22GA7SWHT		1 - 74	A/R
TFE22GA7SWHTBLK		1 - 75	A/R
TFE22GA7SWHTBLU		1 - 81	A/R
TFE22GA7SWHTBRN		1 - 76	A/R
TFE22GA7SWHTGRN		1 - 80	A/R
TFE22GA7SWHTGRY		1 - 83	A/R
TFE22GA7SWHTORN		1 - 78	A/R
TFE22GA7SWHTRED		1 - 77	A/R
TFE22GA7SWHTVIO		1 - 82	A/R
TFE22GA7SWHTYEL		1 - 79	A/R
TFE22GA7SYEL		1 - 69	A/R
TFE26GA7SBLK		1 - 84	A/R
TFE26GA7SBLU		1 - 90	A/R
TFE26GA7SBRN		1 - 85	A/R
TFE26GA7SGRN		1 - 89	A/R
TFE26GA7SGRY		1 - 92	A/R
TFE26GA7SORN		1 - 87	A/R
TFE26GA7SRED		1 - 86	A/R
TFE26GA7SVIO		1 - 91	A/R
TFE26GA7SWHT		1 - 93	A/R
TFE26GA7SWHTBLK		1 - 94	A/R
TFE26GA7SWHTBLU		1 -100	A/R
TFE26GA7SWHTBRN		1 - 95	A/R
TFE26GA7SWHTGRN		1 - 99	A/R
TFE26GA7SWHTGRY		1 -102	A/R
TFE26GA7SWHTORN		1 - 97	A/R
TFE26GA7SWHTRED		1 - 96	A/R
TFE26GA7SWHTVIO		1 -101	A/R
TFE26GA7SWHTYEL		1 - 98	A/R
TFE26GA7SYEL		1 - 88	A/R
THU2E100TCA		10 11	1
TLB1V332MDA		9 15	2
TMS4461-12NL		4 70	2
TS120GC		7 20	6
UA7812UC		6 6	1
UES2403		8 20	1
UG1094U		4 10	7
UKB1H010MAA		12 13	1
UKB1H100MAA		8 10	1
ULB1E470MAA		12 9	1
UPA1E33IMPH		8 8	3
UPA1V331MRH		8 4	2
USA1C470MCA		8 2	2
USA1C470MCA		10 9	1
USL1A470MCA		4 21	3
USL1A470MCA		5 27	1
USL1A470MCA		12 11	1
UT85		1 -195	A/R
VIN66AS12BLK		1 -160	A/R
VIN66AS15FLATBLK		1 -161	A/R
ZB6015BLK		3 74	4
ZIZ0375SHN3B38		1 -159	A/R

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C11002	4 20
C11003	4 20
C11004	4 20
C11005	4 20
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C17015	8 13
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C19001	9 15
C19002	9 15
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CR11003	4 31
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CR11026	4 31
CR11027	4 31
CR11028	4 31
CR12002	5 29
CR12003	5 30
CR12004	5 31
CR12005	5 31
CR14001	12 15
CR14002	12 15
CR14003	12 15
CR14004	12 15
CR14005	12 16
CR14006	12 17
CR17001	8 14
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CR17003	8 15
CR17004	8 16
CR17005	8 14
CR17006	8 17
CR17008	8 18
CR17009	8 18
CR17010	8 18
CR17011	8 20
CR17012	8 14
CR17013	8 21
CR17014	8 14
CR17015	8 14
CR17016	8 22
CR19001	9 17
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DS15001	11 16
DS15002	11 4
E16008	7 20
E16009	7 20
E16010	7 20
E16011	7 20
E16012	7 20
E16013	7 20
F10001	3 54
F10002	3 55
FL18001	6 19
FL18002	6 19
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FL18006	6 19
FL18007	6 19
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J10002/J10021	11 28
J10003	4 10
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J10007	4 10
J10008	4 10
J10009	4 10
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J20004	10 8
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JTB12001	5 32
JTB12002	5 34
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P10018	11 50
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P11001	4 16
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P14004	11 37
P14005	11 6
P14005	11 9
P15002	7 4
P15003	11 7
P15003	7 6
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P19001	7 8
P20001	7 11
P23001	11 13
P23005	7 14
P23017	7 17
Q11001	4 35
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Q11003	4 37
Q12001	5 36
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Q14001	12 18
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Q17001	8 25
Q17002	8 26
Q17003	8 26
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Q17007	8 27
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Q17010	8 29
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R17027	8 34
R17028	8 48
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R17031	8 38
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R17042	8 31
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U11015	4 72	U17007	8 58				
U11016	4 68	U18001	6 6				
U11017	4 73	X11004	4 65				
U11018	4 74	X11005	4 67				
U11019	4 75	X11011	4 65				
U11020	4 69	X11024	4 65				
U11021	4 76	X11027	4 65				
U11022	4 77	X12001	5 51				
U11023	4 69	X12002	5 53				
U11024	4 64	X12003	5 55				
U11025	4 70	X12009	5 62				
U11026	4 76	X14001	12 32				
U11027	4 64	X14003	12 35				
U11028	4 78	X14004	12 37				
U11029	4 79	X14005	12 39				
U12001	5 50	X14019	12 50				
U12002	5 52	Y11001	4 80				
U12003	5 54	Y12001	5 70				
U12004	5 56	Y14001	12 51				
U12005	5 57						
U12006	5 58						
U12007	5 59						
U12008	5 60						
U12009	5 61						
U12010	5 63						
U12011	5 64						
U12012	5 56						
U12013	5 58						
U12014	5 65						
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U12016	5 65						
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U12018	5 68						
U12019	5 68						
U12020	5 68						
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U14006	12 40						
U14007	12 41						
U14008	12 42						
U14009	12 43						
U14010	12 44						
U14011	12 45						
U14012	12 42						
U14013	12 42						
U14014	12 45						
U14015	12 46						

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